# Routes to tour in Germany

# The Rheingold Route

German roads will get you there - to the Rhine, say, where it flows deep in the valley and is at its most beautiful. Castles perched on top of what, at times, are steep cliffs are a reminder that even in the Middle Ages the Rhine was of great importance as a waterway. To this day barges chug up and down the river with their cargoes. For those who are in more of a hurry the going is faster on the

autobahn that runs alongside

Bingen you must take the Rheingold Route along the left bank and see twice as much of the landscape. Take the chairlift in Boppard and enjoy an even better view. Stay the night at Rheinfels Castle in St Goar with its view of the Loreley Rock on the other side. And stroll round the romantic wine village of Bacharach.

Visit Germany and let the Rheingold Route be your

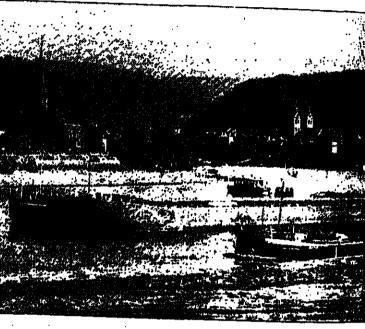


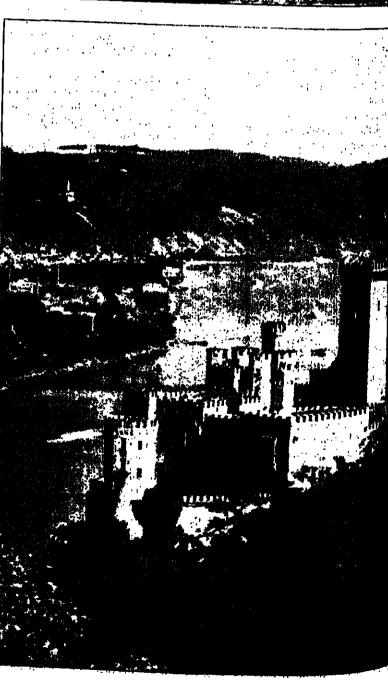
- 1 Bacharach
- 2 Oberwesel
- 3 The Loreley Rock
- 4 Boppard
- 5 Stolzenfels Castle

DZT DEUTSCHE ZENTRALE FÜR TOURISMUS EV









# The German Tribune

A WEEKLY REVIEW OF THE GERMAN PRESS

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ug, 13 November 1983 cond year - No. 1108 - By air

Kohl in Tokyo: security and trade top the agenda

cratic barriers to trade if Bonn is ose EEC demands for tariffs Japanese imports.

was one of the points made duancellor Kohl's visit to Japan. his talks with Tokyo Prime Minissuhiro Nakasone dealt mainly

ate back to 1861, when the kingrussia concluded agreements okugawa shogunate.

Japan set itself the task of catp with the modern world it took 'late developer," Germany, as

#### akarta: appeal Third World

accilor Helmut Kohl has called on the Third World countries to ing about balanced and controlmament and try and influence

hlwas speaking in Djakarta during or of Asian capitals.

Chancellor emphasised Nato's lation to deploy new mediumnissiles as a means of restoring ∝ and preserving peace in Ru-

ian President Suharto stressed sides must show serious intent to ible and just disarmament solun the basis of all people being

thanked the Federal Republic of ly for having so staunchly supcoperation between Ascun (Asn of South-East Asian Nations) European Community.

<sup>Chancellor's</sup> visit, he felt sure, play its part in consolidating the ad of friendship between their

the Germans accomplished in construction" he said, "is an in-Continued on page 5

## IN THIS ISSUE

a debate widens ide question of aster makes anti-racist Fal Hoi festival

cost of white-collar hol just economic'

hext edition of THE GERMAN E will appear on 27 November. ging talks in Asian capitals during a tour of the region. Here, correspondents report from Tokyo, New Delhi and Djakarta.

Tokyo placed a high value on German science, medicine and philosophy, art and music and, last but not least, the German military system.

The two countries, World War II allies, have each made great strides in reconstruction since their defeat in 1945.

They now rank alongside the United States as the largest industrialised countries in the free world and leading tra-

They are both "locomotives" of world trade and both feel, after bitter past experience, specially committed to basic democratic values.

They share a special responsibility for achieving the international economic objectives outlined at the Williamsburg

The latest Japanese decisions to boost the economy mainly by stepping up domestic demand and to further open the home market to imports were welcomed by Bonn as a step in the right direction.

Both countries depend on foreign trade and stand up for the principle of free world trade and against the temptation to resort to protectionism.

Bonn's attitude is appreciated by Tokyo, but the Bonn government needs further cooperation by Japan, especially in eliminating bureaucratic barriers, if it is to oppose demands in the European Community for protective tariffs against imports from japan.

Experience in the European Community has shown how great the advantages of trade between advanced industrial

Indian Prime Minister Indire Gandhi and Chancellor Kohi in New Delhi.

to benefit from an increase in trade between Europe and Japan. Germany and Japan can likewise only gain from se in cooperation in technology. Chancellor Kohl's visit was not just devoted to trade matters. Trade, in



the responsibility of Sharing a joke . . . Japanese Prime Minister Yasuhiro Nakaso-Continued on page 2 ne (right) and Chancellor Kohl in Tokyo,

### New Delhi: a good time to get together again

glance at the newspapers in New A Delhi and talks with people in the Indian capital showed that Chancellor Kohl's visit was viewed with satisfac-

In many cases it was seen as a fresh start in Indo-German relations - even though it was only a stopover and other countries, such as Britain or France, maintain much closer ties at this level.

It was the first visit to India by a Bonn Chancellor since Kurt Georg Kie-\ singer paid the country a visit in 1967.

The initial response in the Indian Press was overwhelmingly positive, with the emphasis mainly being placed on economic ties between the two coun-

The current official German view is that ties are unproblematic, although they are no longer as dynamic as they.

(Photo: AP)

were in the late 1950s when Bonn embarked on bilateral aid.

Aid continues to this day, but it began with such spectacular projects as the Rourkela steelworks.

Even so, trade has increased steadily. German imports from India, mainly clothing and textiles, last year totalled DM1.3bn, or nearly twice the 1975 figure. German exports to India, mainly steel and machinery, last year totalled DM2.lbn and were more than double the figure for 1975.

The Federal Republic of Germany is now India's fifth-largest customer after the Soviet Union, the United States, Japan and Britain.

It is also the fifth-largest exporter to India: after the United States, Iran, the Soviet Union and Japan.

German direct investment has also been on the increase again of late, although at roughly DM210m in the first six months of this year it was not much higher than 10 years ago, when the figure was DM181m.
In the number of joint ventures by li-

cence agreement or joint company the Federal Republic ranks third, with 1,292

The lead is held by Britain, with 1,641 projects, followed by the United States.

These figures are noteworthy, if not very spectacular. They fail to,paper,over the fact that for a wide range of reasons German businessmen seem to have forgotten India a little in recent years.

Access to this gigantic market has never been easy, partly because it is so complex and partly because Indian economic policy is not always clear and to this day remains restrictive, but mainly because of red tape.

There has been no lack of disap-Continued on page 2 or gra-



#### **■ WORLD AFFAIRS**

#### **Bonn and East** Berlin hold on despite Geneva

#### Süddeutsche Zeitung

The Bonn government is treading a tricky path in its Deutschlandpolitik. It runs the risk of being accused by GDR propagandists of contributing toward a deterioration in relations.

East Berlin says Bonn is not merely approving the deployment of new US missiles but also of seeking to justify it.

At the same time Bonn is sounding out with some anxiety whether as a result the intra-German ties of the CDU/CSU-FDP government really stand to take a serious knock.

The Federal government cannot even by blamed for these mixed feelings. They are part and parcel of East-West tension.

To this extent the two German states may not share a direct identity of interests, but they are in a similar conflict of

The GDR is probably as unenthusiastic about the probably inevitable Soviet decision to go ahead officially with the deployment of fresh Russian missiles in East Germany as Bonn is of missile mo-

As the deadline for deployment draws nigh even Christian Democrats who keep strictly to the party line are wondering on the quiet whether the limited strategic benefit of Pershing 2 and Cruise missiles outweighs the considerable political and psychological damage missile modernisation will cause.

Herr Honecker, the GDR leader, must see as more than a mere blemish the fact that the new Soviet missiles will be accompanied by even more Russian troops to service them.

The two German states are suffering from the consequences of the great powers' nuclear policies. But they cannot prevent them, merely ease their ef-

This is the purpose of a plan drawn up by the Bonn Chancellor's Office to enable the Federal government to keep up business as usual with the GDR beyond 22 November, the day on which the first new US missiles are due to arri-

Assuming it is right to expect the Geneva missile talks delegations to quit the conference table but, figuratively speaking, to leave the table in place so they can return to it after a suitable break, then only this break would need to be bridged over,

With this alm in view intra-German talks, currently in progress at various levels, involving various parties and dealing with various issues, are to be conti-

The list of intra-German talks at over a dozen levels extends until March next

The agreement on purification of the water in a border river, the cost of which is to be shared by Bonn, Bavaria and the GDR, is the first instance of a joint environmental protection project.

It could be followed by others for the rivers Werra and Elbe.

#### Goodwill gesture

Following a gesture of good will by East Berlin, the intra-German cultural talks have now gone into their second

They will probably be as protracted as the talks on a legal assistance agree-

It may sound paradoxical, but projects that prove difficult and complex at least ensure a backlog of subject matter on which the two German states can keep on talking.

Spectacular events, fresh loans by the West or travel easements by the East, are most unlikely in the near future.

But with a little luck, skill and patience intra-German ties could be made to outlast the winter by dint of sheer routine.

· Klaus Dreher (Süddeutsche Zeitung, 4 November 1983)

### India's huge potential the CDU is still smarting from its defeat in the Hesse state election in

Continued from page 1

pointments from the German point of view. For the Indians too, a number of great expectations have not been fulfil-

In the 1970s other export markets and investment locations in Latin America and Asia seemed more promising and potentially more profitable than India to German businessmen.

A number of these alternatives, such as Iran, have since proved a a let-down.

Well-known German companies such as BASF, Bayer, Bosch, Daimler-Benz, Demag, Gutehoffnungshütte, Hoechst, Krupp, Lurgi, Mannesmann and Sicmens are represented in India and continue to show interest.

But for many German companies India seems to have stayed white on the map, or so the Indo-German Chamber of Commerce and trade experts at the German embassy in New Delhi feel.

The world has changed since the recession. German manufacturers can no longer sell just anything they see fit to manufacture; they have to get out there and collar their customers.

Markets that used to be promising are now marking time because of the debt crisis. China used to be seen as the future foremost economic power in Asia. India now seems to be getting another look-in,

Planning staff at the Bonn Foreign Office recently noted in a survey that India could hold its own in comparison with China.

It represents much of a sub-continent and a population of 700 million, which makes it the second-largest nation in the world, as everyone knows. It is also the ninth-largest industrial-

power, which comes as a surprise to India, the planners said, was relatively independent of international economic

trends and very much comparable with China in technology. It manufactured its own computers and built nuclear power stations, satel-

lites and rockets. At the same time a number of obstacles to external trade have been lowered

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Advertising rates list No. 15 Annual subscription OM 45 Titled by CW Mamauer-Dorck, Hallie All articles which THE GERMAN TABLE is published in cooperation with the editorial sing newspapers of the Federal Republic da They are complete translations of the originals.

for the first time since its resounding in India, with restrictive to the first time since its March, cies having been eased slight the brought home to the party that the "The Indiana" and the swent it into the Bonn "The Indians," says that swept it into the Bonn the Indo-German (he preminent could sweep it out again: a Commerce in New Delhi, he pair of state elections.

The lee of strict in the lee of strict i

In the lee of strict imported issue that has until now been of seespecially over the past deads odary importance: the nomination of industrial base has been at candidate for the presidential electrical

An arguably oven more skedin's mayor, Richard von Weizsäcpoint to be made is that indep a was so emphatic in stressing his wilhave now gained a criain a sess to accept the post that Chancelumong the rich in India ind no longer keen to buy noting matter how reluctantly. ported goods.

So there are many signs and decision "after the Hesse election." dian murket, and with it land has meanwhile postponed this until

economic ties, must be seen the time in November.

light from a few years ago.

A characteristic feature is the time of a drive to keep Weizsäcker in now extremely successful in the time. This view is supported by reas shown by the development of the time. This view is supported by reas shown by the development of the time.

Suzuki Motor Co. has signed the Berlin CDU drive to keep Weiz-facturing agreement with Manufacter to ensure an election victory in including a share in the Indian Si is gaining ground throughout the Volkswagen, having misjung defeats.

murket in the past, is still out in there is yet another personnel pro-It failed to get its foot in the dow the plaguing the Bonn coalition: the Japanese commitments in life linksdorff (FDP).

to have extended to the carace CDU/CSU and FDP politicians are market too, which is likewise field in condemnation of the minister y some of the media before the courts France, another competitor, the ruled in the Flick case, which active in India, especially in the counter party funds

trade (Mirage jet fighters), which lead to preference for French so n other sectors. Kohl censured

Competition for the few min kets that have yet to be open by Strauss Herr Kohl's visit certainly cand right time to step up relations

Indian-made car.

ny's share capital.

Indian market.

under Japanese influence.

over Grenada India and the Federal Republic In economic terms India's ps.
tion as a partner at next year's sharply criticised the Bonn governFair may well prove more impose sharply criticised the Bonn governor its attitude towards the US oc-

For India this special show in maion of Grenada.

demonstrating the capacity and as lie has censured Chancellor Helmut
ty of the Indian economy, wilks the for not having consulted him on the largest projects of the time Grenada issue and has urged more

ever undertaken.

For German industry there are statements boil down to the to be fine opportunities in ladir and that Germany publicly support ded they are put to good use in the latin actions no matter what.

Germany is a slogan that has lost all is indirectly touches on the scope of the glamour it once had, but a lost a lost and its indecense of the USA within Nato.

This is shown by export and the desire for independence has wide ment successes achieved by ment successes achiev

Let that not be taken as mean that it making a point of not giving the will become any easier to enter pression of being a US outpost.

foothood in India, but surely the will be true of the Japanese and Chiasa oded in a black-and-white manner.

J. Jarges 16.

J (Frankfurter Allgement A bis stance was exactly reversed.

he adopted the French line of independence from the USA Ludwig Erhard and Gerhard

but today — as then — Strauss is interested in fomenting internal ules within the CDU camp than in a tign policy line. He hopes that these

masterminds behind the 1979 decision dure him, today it is Helmut Kohl. and has stood by it ever since. habss has not changed. He adapts Positions to the needs of the mo-

**■ HOME AFFAIRS** 

### The shibboleth that shows jumpiness of the CDU

allegedly paid by the Flick group of companies.

But there is a widespread fear that Count Lumbsdorff could become involved directly in a court case. This would make his resignation inevitable.

Speculation about his being replaced by Strauss has been rejected by the Chancellery.

Kohl seems to want to leave it to the FDP to name Lambsdorff's successor.

But there are other, even weightier, problems involving economic, social and fiscal policies - the issues on which the government received its man-

.The CDU defeat in Hesse is blamed primarily on the fact that the public is feeling the effects of the belt-tightening imposed by the government in a bid to put the budget on an even keel and bring about an economic upturn.

This includes above all the cutbacks in social benefits - which are made more painful by the fact that there is no evidence of any beneficial effects.

The public disenchantment is aggravated by the factionalism within the

Kohl is thoroughly familiar with the difficulty of keeping opposing wings to-

He has been unable to stop the latest tug-of-war between the left wing social affairs committees and the right wing

In fact, the socalled Albrecht Paper that he commissioned and that would given more priority to business only served to add fuel to the dispute. The Chancellor has meanwhile distanced himself from the paper.

The main burden now tests on Social Affairs Minister Norbert Blüm who has so far managed to make his left wing toe the austerity line. But he will be unable to keep his faction in check if the governement tries to impose further cutbacks on old age pensioners and workers.

Blum is trying to meet the unions halfway to enable them to come up with something resembling a success, like early retirement.

The Chancellor favours a solution with a time limit. He is convinced that the present trend will eventually be reversed and that the unions will call for longer working lives.

Politicians of all coalition parties have repeatedly praised the cooperation among them. And indeed - like in the early days of the SPD-FDP coalition there are no major differences of views on foreign and security policy and Deutschlandpolitik. This is so despite the fact that this sector was largely left out of the coalition agreement.

Domestic policy is also relatively uncontroversial. The true source of conflict is likely to lie in the economic and social affairs sectors.

There has, however, been growing criticism within the conservative camp about the manner of governing.

The Chancellor is being criticised for olding too few Cabinet meetings and for his generally imperturbable manner. This has earned him the accusation of wanting to "ride to power in a sleeping

But he persists with his many discreet individual discussions rather than Cabinet meetings, playing the game with the cards close to his chest.

CDU parliamentary, party leader Alfred Dregger vented his disappointment over the lost election in Hesse by criticising the poor manner in which the government was selling its policy.

Kohl rejected the ciriticism on behalf of both his party headquarters and his Press and Information Office.

He suggested to Dregger that he should improve his parliamentary group's PR work.

The transfer of the experienced press liaison man Eduard Ackermann to the Chancellery has made itself felt.

Anybody talking with the Chancellor these days can feel his unbroken pleasure in bearing responsibility.

He in no way suffers from its burden. In fact, the more hectic things get around him, the thicker his skin beco-

He likes to stress that he has always been better at long-distance running that at sprinting.

Commenting on the complaints around him, he says: "Better foolish talk and the right vote than the other way around."

Heinzgünter Klein (Der Tagesspiegel, 23 October 1983)

here is little doubt that the special Social Democrat national congress this week will decide to oppose deploy-

A look at two important SPD publications would suggest that the party is roughly divided over the issue. That is a false picture. Media debate cannot change the landslide of opinion against

So although the outcome at the conference in Cologne is clear, there are enough uncertainties to lend the meeting

It will be interesting, for example, to see how the decision against deployment is taken and exactly how the leaders of the various factions will handle the

The opening speech on the missiles issue will be made by former Chancellor Helmut Schmidt, whose views are likely to isolate him. He has not yet said, what line he will

take, but remarks indicate that, despite his critical view of Washington at the Geneva arms talk, he is sticking to the He is likely to tell a congress, most of

whose delegates will be opposed to him, that without the missiles Western Europe would be open to blackmail. He is likely to suggest that Nato could

And then there is his concern over his personal credibility. He was one of the

His main opponent is Egon Bahr, who as the first of the SPD's top politicians to have publicly said that the Geneva talks would break down. His outspoken SPD is all set to reject

A master of mental acrobatics, he has undertaken to prove that the rejection of the two-track decision towards the end of this year is the direct consequence of the opposite made four years earlier.

But for the sake of peace within the party he is prepared to formulate the reection in a way that will not totally iso-

Even so. Bahr will stress at the Cologne meeting that, in his view, the Soviet's have gone out of their way to offer compromise solutions.

Hans Apel is somewhere in the middbetween Bahr and Schmidt. Like Schmidt, he is concerned over his personal credibility. But he does not want to become the conservatives advocate.

As far back as last summer, Apel said that those frontliners who approve of the two-track decision would "commit political suicide." The amendment of the He has therefore tried to build a se-

What this boils down to is: a clear yes nal rejection of the deployment....

This course of action is meant to pre-

Together with Bahr and Horst Ehmke. Apel was chosen for the tricky task of

drafting the relevant motion in Cologne. Much will depend on the wording of the motion. The idea is that it should meet the grassroots wish for a clear rejection of the deployment while helping

Schmidt and his followers save face. The three authors of the motion were picked because they represent the three

main factions in the party. But only a week or so ago, Apel seemed to have become convinced that the general mood in the party would not permit him to uphold his stance.

assignment on the grounds that he was unable to do what was expected of him. His place has been taken by former Family Affairs Minister Antie Huber. .... The change will not interfere with the timetable because the motion is to be

He has meanwhile turned down the

drafted after the Geneva talks are expected to have ended. . This is another departure from the norm for a party that has always prepared such motions well ahead of time, evaluating and examining them before

putting them to the votezes and them a In the meantime, it is becoming increasingly difficult, to formulate, the "ino" as diplomatically as possible and yet clearly enough to suit grassroots

The fronts between the factions have been stiffened still further by America's action in Grenada.

Whenever the missiles issue is raised, the Social Democrats now point to Grenada

The party now sees its worst fears about the Washington menace confirmed. Rudolf Grosskopff

(Deutsches Allgemeines Sonntageblatt, 6 November 1983)

#### Continued from page 1

the European Community, It was also a political visit.

Japan sees itself as part of the West and is now prepared to take on an extra share of international responsibility. The ailiances that link Western Europe with America and Japan with America are accompanied by an increasingly wide-ranging network of consul-

tations between Japan and the European In years gone by Japan made do with its role as an economic great power and steered a wide berth of disputes in world affairs.

Both the Japanese leaders and the public are now gradually coming to realise that their country has responsibilitles in international affairs.

There is a growing sense of threat, with the alarm having been sounded in Japan by the Soviet invasion of Afghanistan, the Soviet arms build-up in the Far East and events in Iran. When Suzuki was prime minister, he

acknowledged the need for Japan to

shoulder a heavier burden of desence

commitments, and this policy has been boosted under Nakasone. Japan is now stepping up its arms

### Kohl's talks in Tokyo

commitments and is willing to supply the latest in military technology to the United States.

It is also preparing to defend by itself to a distance of 1,000 nautical miles the maritime routes to Japan that are so important for it as a trading nation.

The Japanese take a calm view of peace rallies in Germany. In the past they have had much more serious clashes in their own country,

They are well aware of the arguments. The Socialists, Japan's leading Opposition party, advocate a policy of unarmed

In a recent Japanese parliamentary debate on security policy Premier Nakasone made it clear that nuclear weapons will neither disappear nor be reduced in number by making speeches against them, as was done by the Socialists and

Communists. Soviet SS-20 missiles are a threat not only to Western Europe. They are also aimed at targets in China and Japan,

**设施** 454

of the missiles aimed at targets in Euro-Kremlin up on such offers.

At the Williamsburg summit, where Mr Nakasone endorsed the Nato dualtrack decision, the joint declaration nofed that: "The security of our countries indivisible and must be dealt with on a global basis." Chancellor Kohl in Tokyo expressed

full understanding of Japanese secv interests and of Tokyo's call for Soviet

Only then can there be hopes of a settlement being negotiated in Geneva. Siegfried Thielbeer (Frankfurter Aligemeine Zeitung für Deutschland, 1 November 1983)

and steadily increasing numbers are being deployed in the Soviet Far East.

The Japanese took a dim view of Soviet offers to withdraw to the east some pe. The West is not going to take the

missiles to be scrapped and not transferred to Asia, In Japan people are as well aware as they are in America and in Western Eu-

rope that we are all in the same boat. Tokyo endorsed the Western negotiating position partly because Japan feels that President Reagan must enjoy the united backing of his allies in negotiations with Moscow.

The German Tribu

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ment of Nato missiles.

deployment in the party ranks.

disintegrate if it backs down on the deployment

conclusion was that there was only one

deployment

stance his party could adopt: a "no" to

late Schmidt and his followers.

cond front: a conditional "no" to deployment. He calls it "a nuanced ino"." to Nato and the Bundeswehr and no fir-

vent the SPD from becoming totally isolated should Moscow and Washington reach an agreement in Geneva after all - an agreement calling for the deployment of only a certain number of missiles in Germany.

futes will further his own aims. Then it was Ludwig Erhard who had

Achim Melchers (Westdeutsche Alfgemeine, 31 October 1983)

News of the sensational EEC breakthrough was announced on the radio as I was driving back to Brussels from Luxembourg.

The 875th meeting of EEC Agriculture Ministers had ended early that morning with decisions that finally opened the door to membership talks with Spain and Portugal.

It could not be long before Spain and Portugal were full members, the programme presenter jubilantly claimed in Cologne. Not a word of it was true.

Yet for six years negotiations on southern enlargement of the European Community have been so protracted that every knot unravelled seems like a gigantic step forward toward European integration.

Politicians have never been reticent about proclaiming good intentions. But fine words have often concealed conditions that couldn't be met.

Bonn Foreign Minister Hans-Dietrich Genscher is arguably the most important advocate of Spanish membership of the Common Market.

"While he was in the chair the Federal Republic did a great deal to speed up the talks," Spanish Foreign Minister Fernando Morán said.

But that is to ignore the role of Bonn Finance Minister Gerhard Stoltenberg, who continues staunchly to oppose any idea of an increase in VAT remittances

And unless the EEC has more money in the kitty, especially from Germany, there will be nothing it can do for Spain

There is constant reiteration of the general political target of strengthening the two young Iberian democracies by allowing Spain and Portugal to join the

But it is seldom followed by any mention of the financial framework within which accession is to take place.

The cost of accession is not an insuperable obstacle for the Community, and given the importance of enlargement it cannot be considered too high

But: "The size of the budget in its present form would increase by 15 to 20 per cent. Net transfers to the two new member-countries, based on an imaginary budget of the 12 for 1981, would imount to between 850 and 1,400 million ecus, or between four and six per cent of the enlarged Community's bud-

This quote is taken from the European Commission's November 1982 paper on enlargement, and there can be no challenging the figures.

Many people who are keen on Spain and Portugal joining the EEC are as unaware of these figures as they are of THE EEC

### Spain and Portugal begin to lose interest

the final document drawn up by EEC leaders at the July 1983 Stuttgart sum-

"Membership talks with Spain and Portugal," it stated, "are being conducted with a view to arriving at a conclusion in time for the terms to be ratified together with the results of negotiations on future Community finances."

This may sound fine, but in reality it amounts to a brush-off. As long as Community finances remain controversial the pathway to EEC enlargement will be blocked.

The Athens summit in December will make no difference to the opposite viewpoints of the rich and poor in the EEC. A "no" to Spain is thus a foregone conclusion

Against this background the latest round of talks between EEC Agriculture Ministers must be seen in a different

The 10 Ministers unanimously agreed to adjust to the existing state of affairs within the Community on Mediterra-

What that meant was that the EEC farm lobby was prepared yet again to spend money hand over first even though the Community will no longer be able to meet current expenses from funds in hand by the end of the year.

The Agriculture Ministers also plan to protect apricots, aubergines and tomatoes from competition from non-EEC countries.

This seems sure to have the same disastrous consequences for consumers as it had had in respect of milk, meat, grain and other products.

Mediterranean producers France, Itay and Greece were allowed to help themselves yet again in respect of fruit, vegetables and olive oil, but there will be no further helpings.

Agreement on maintenance of the existing state of affairs has provided Spain with its first-ever opportunity of costing the benefits and drawbacks of EEC membership.

The Community may have opened the door but it will now cost more to go through it.

State secretary Hans Jürgen Rohr of the Bonn Agriculture Ministry said in Luxembourg that there could no longer any objections to Spain joining the

At the European Commission it was argued at the same time that the latest agricultural decisions might make negotiations with the two would-be new members more difficult.

No-one had worked out before the Agriculture Ministers reached their unanimous decision just how much it was all going to cost.

So it would certainly be premuture to say that agricultural problems had been solved. The opposite is true.

A provisional review of the progress of talks shows that agreement has been reached on regional policy, transport, the movement of capital, legal adjustment, freedom to set up in business and the service trades and economic affairs and finance.

But agreement has yet to be reached with Spain and Portugal on, say, fisher-

That may seem a minor consideration in a community of industrialised countries, but some idea of the pitfalls it could entail can be gained from the failure of countless sessions of EEC Councils of Ministers to reach agreement on herring catches.

Spain has one of the world's largest fishing fleets. Its catches amount to roughly a third of the total value of cutches landed by EEC fleets.

In a 12-member EEC about one fisherman in four would be a Spaniard. How is he to make ends meet if the rich industrialised member-countries compete for his fishing grounds?

Serious obstacles remain to be surmounted even where cash or access to fishing grounds are not at stake.

How, in a 12-member EEC, are decisions to be reached and political bodies to be kept working? Experience with Greece counsels on the side of caution.

Athens has very much upset the other nine by going against the grain and on its own to a remarkable extent by EEC standards and by virtue of the striking incompetence of its representatives.

"Cumbersome nature of the decision-making machinory" is a Brussels euphemism for the fact that at sessions of the Council of Ministers national interest is increasingly being taken as an excuse for using the veto in a manner not envisaged by the Treaty of Rome.

Danish objections nearly scuttled the entire EEC fisheries policy, while Bri-

Peace clearly heads the bill for issues that are worth running a risk, both for juveniles (65 per cent) and over-25s (67 per cent).

per cent have little or no confidence in people in the Soviet Union. The survey reveals interesting details

good, as against an EEC average of 42 per cent and 48 per cent for Luxem-

Germans came bottom of the list. Only 30 per cent said their relations with their parents were very good.

Michael Stabenow (Bremer Nachrichten, 26 October 1983)

tain almost vetoed the EECL Portugal, for instance, to be in PERSPECTIVE to impose its views on ter-Common Market where the shared by the other 11?

Proposals for solutions an being discussed. The Conne suggested to the Council of that disputes should be referred a decision. The Council is agree to this proposal.

e missile modernisation debate Minority views can deliberate and extends to whether the Bonn ed down by qualified majorities becament ought to have a right of cases where the Treaty of Rems a even a "second key", when it unanimous decisions.

But that would amount to the Federal Republic of Germany. ters of the EEC, the British and Contain Premier Franz Josef Strauss, governments, being forced governments; being forced by the CSU leader, has thought out loud accept and bankroll an increase at this problem. So have Social penditure

Bonn is obviously not prepared the order to use US nuclear weapons low that to hapen, while other order to use US nuclear weapons have equally good reasons for it gany can only be given by the Ameplans that run counter to their in President.

Everyone would like to diplus that is unclear is the extent, if any, to of the would-be new months the bid parties are in a position to

of the would-be new member the third parties are in a position to right while maintaining their organice his decision.

The Community could have this issue is particularly important in terms with Portugal, which apply political context of whether, in the join the EEC four years before the state of hostilities, Bonn would be able But Portugal increasingly looks were any say in the use of US nuclear ting a raw deal. ting a raw deal. ons or even prevent their use.

As a small country its problem it is an issue on which Nato sources be within the EEC's capacity has reluctant to commit themselves, part-modate, but they are now increases of the need to observe seen in the much more problems key, partly on account of alliance "Portugal poses no special the rather the terms of the North Atlantic

Unrealistic

Community producers," it was it all Nato countries enjoy equal in connection with a resolution wand rights. Each member-country European Parliament. "Its production potential is lais like

ited, while its production show which are extremely outmood need specific support measure Community.''

These measures have in faction under way.

Enlargement of the European his applies equally to the United munity to include Spain and Pone is and to Luxembourg, but it creates viewed with dismay by more is seen to because it is unrealistic.

alarm is feit by non-EEC countries that's flexible response strategy, as On the day after the Agricalan strategy in Nato document MC 14/3, is nisters met, a buffet-proof Mercel suppromise between logal equality drew up outside the main entree factual inequality of the pact's the European Commission in the seen.

the European Commission in Brown Abers.

It belonged to King Hassan of Base and sold an ageneral outline of

rocco for whose country the Employment that in the event of an attuck on Community is both the largest on the territory the pact would only use

and the largest supplier.

He is bound to have to wany the integrity of pact territory.

trude with the EEC when Spin alc 14/3 also says that Nato reserves Portugal join the Common Mand Fight to use such weapons it might enjoy EEC preferences on the intermediable in order to attain this objecof the barriers to trade in Medium produce.

Algerian representatives paid whether Nato would limit itself to ropean Commission a visit at the prentional weapons or use tactical or time as the Moroccan monarch. Regie nuclear weapons.

All these countries are rightly and predictable. Nothing is enHerr Rohr said in Luxembourt to the isk is what is wanted; it is intenno-one could expect Spain to job have a deterrent effect.

Countries to export Mediterranean to the countries to export Mediterranean to the determination to respond effect. prove too.

and the second s Spain's Socialist Premier Felipeu zalez is trying to speed up the proved they linking it with other factors. He start such and some of armed forces manpower said Spain would only stay in the source of armed forces manpower said Spain would only stay in the source of armed forces manpower said Spain would only stay in the source of armed forces manpower said Spain would only stay in the source of armed forces manpower said spain would only stay in the source of armed forces manpower said spain would only stay in the source of armed forces manpower said spain would only stay in the source of armed forces manpower said spain would only stay in the source of armed forces manpower said spain would only stay in the source of armed forces manpower said spain would only stay in the source of armed forces manpower said spain would only stay in the source of armed forces manpower said spain would only stay in the source of armed forces manpower said spain would only stay in the source of armed forces manpower said spain would only stay in the source of armed forces manpower said spain would only stay in the source of armed forces manpower said spain would only stay in the source of armed forces manpower said spain would only stay in the source of armed forces manpower said spain would only stay in the source of armed forces manpower said spain would only stay in the source of armed spain would only stay in the source of armed spain would only stay in the source of armed spain would only stay in the source of armed spain would only stay in the source of armed spain would only stay in the source of armed spain would only stay in the source of armed spain would only stay in the source of armed spain would only stay in the spain would only stay in the spain would be spain would only stay in the spain would be spain would

of accession.

He was going to write to the formulae general provisions outlined in ing for a clear statement of intentions of 14/3 are not enough. Specific is running out, with Spanish and the succession of intentions outlined in respect guese interest in joining declining the important issues as the situates than half the Spaniards and the situation one Portuguese in four is still in the significant of considered by way of deconsidered by way of de-

potential aggressor is thus left un-

ermination to respond ef

and both depend

include not only

### Missile debate widens to include question of a veto over use

Franffurter Allgemeine and, by implication, which areas are not

to be considered as targets. Then there is the question of the procedure by which the go-ahead is to be given for their use.

No-one is diputing that the US President is the only man who can give the order to fire, but that is no guide to whether he is required to consult his allies

Assuming he is, can he overrule them? Are all Nato countries to have an equal say, and is there to be a right of veto?

The decision to use nuclear weapons is, after all, one that can have consequences for a Nato country up to and ncluding its total destruction.

Four follow-up documents to MC 14/3 were drafted during the 1960s. They outlined regulations for tactical first use, for the use of nuclear mines, for the use of long-range strategic weapons and for the consultations that were to precede their use.

What matters for the Federal Republic is not only that Nato has made it clear in these documents that an aggressor must realise that his own territory is not necessarily safe from nuclear bombardment from the moment he occupies Nato territory.

The consultation procedures, which are laid down precisely and in detail, are equally important.

The regulations distinguish, for instunce, between first use and response to a first strike by the Soviet Union.

Where first use by the West is concerned, the US President is under obligation to consult his allies. In the event of a Soviet attack he is merely strongly advised to consult them.

This distinction is in keeping with the imponderables of a nuclear attack on the West.

But not only the formal consultation

procedure within the West has been clarified; before reaching a decision the US President must also consult the North Atlantic Council

Special importance is to be attached to the views of a country or countries that are likely to be mainly affected by a nuclear decision

Countries mainly affected are defined as those from whose territory nuclear weapons are to be used and where warheads and delivery systems are station-

This being so, the Federal Republic couod lay claim to special importance. In the event there would be a simultaneous conference involving the North Atlantic Council in Brussels, the US President in Washington and Nato governments in their respective capitals, especially the German Chancellor in

Care has been taken to ensure that the necessary connections are available and Ill work even in an emergency.

The installations by which consultation procedures are to be operated are by no means all that has long been at the

Every year classified Nato manoeuvres, such as Wintex, are held, to give governments and heads of government

This is to ensure that those who will have to take decisions know what can happen and what specific situations and constraints they might face, what options they could be left with and what considerations they would need to bear

Alliance interests and national interests need taking into account, ranging from the use of nuclear weapons to target planning.

There is, for instance, a difference between targets being limited to parts of one's own territory that are occupied by the enemy or including his own terri-

If they are to include his territory, are they merely to extend to the glacis pro-

### Bonn 'has no intention of claiming nuclear status'

The Bonn government wants neither a A say in the use of nuclear weapons nor a right of veto, says spokesman Jür-

The Federal Republic's position could not be compared with Britain's. Bonn i signed the non-proliferation treaty and deliberately renounced any claim to a say in their use.

There were longstanding agreements between Washington and Whitehall on the subject, and Nato allies had troops based in Germany.

Veto was inaccurate as a description of what was meant, which in effect sultations as arranged.

In the framework of consultations the Bonn government's views carried great weight, and that was quite adequate.

Other Nato partners were also involved in the consultation process.

status, he said, but distinctions must be made where rights and duties were con-There were some countries where foreign troops were stationed and others

where they weren't. The entire issue was has been a very lopsided trade balance complex and unsuitable for public de-On more than one occasion in recent months the CSU leader, Franz Josef.

Strauss, and various Social Democrats have suggested Bonn ought to lay claim to a say in the use of nuclear weapons Social Democratic Bonn MP Karsten

Germany didn't want a finger on the nuclear trigger but would appreciate one nal Economic Order and to reactivation on the safety catch. of the North-South dialogue. Heinz-Joachim Melder

vided by his allies or to include his own heartland too?

Nato's nuclear planning group was specially set up to enable America's allies to have a say in matters of vital interest to them.

So it is up to the Bonn government, and especially the Chancellor, to deal with the subject so intensively that it (or he) can express an authoritative opinion.

He must leave no doubt that his "no" on the use of nuclear weapons in a given situation would amount to a formal veto and that to ignore his decision would be to call the pact into question.

A more formally guaranteed veto right in respect of the use of nuclear weapons on or from Federal Republic territory might be feasible.

Whether is would be advisable is another matter. First, the Americans' right of disposal over their own nuclear weapons would be restricted. Second, any such arrangement would seriously limit Nato leeway and affect the credibility of

If a German Chancellor were to have a right of veto on the use of nuclear weapons it would be hard to imagine him not using it in view of the pressure he would be under.

That would perceptible reduce the risk even in peacetime that any potential aggressor would be running.

The yardstick of Nato's behaviour must be to make the risk incalculable for any aggressor, and hence unacceptably

That presupposes a minimum of mutual trust and desire for self-assertion. If they are lacking, especially trust in one's allies on crucial issues, the only alternative is to forgo self-defence or establish an independent nuclear deterrent.

France did the latter. For the Federal Republic it is as out of the question for many reasons as is the option of dispensing with self-defence entirely.

So we will continue to have no choice but to rely on Nato and the combination of well-advised confidence in our allies and exertion of active influence on pact Karl Feldmeyer

(Frankfurter Allgemeine Zeitung für Deutschland, 17 October 1983)

#### Kohl in Djakarta

Continued from page 1 centive for our country to work hard at

Herr Kohl, who flew to Diakarta from Tokyo, paid the Indonesian capital the first visit ever made by a Bonn head of

On large biliboards gigantic portraits of Herr and Frau Kohl and President and Mrs Subarto smiled down at the The Indonesian Press, in articles of

welcome, had stressed the longstanding tradition of cordial ties between the two countries. But these words of welcome were interspersed with criticism of what so far

in the Federal Republic's favour. The Chancellor spent a mere 26 hours in Indonesia, population 150 million. He laid a wreath at the memorial to those who died in paving the way to independence from the Dutch and colonial rule

in 1945 He then conferred with the Indonesian leader for over two hours on world-Voight has repeated the demand, saying . affairs. At Indonesia's request special attention was paid to the New Internatio-

(Süddeutsche Zeitung, 5. November 1983)

ost 15- to 24-year-olds in the European Community take a gloomy view of the future, according to a survey published by the European Commission in Brussels. Entitled Young Europeans, the survey

was compiled for International Young People's Year, 1985, and based on a po of 9,700 youngsters in the 10 EEC countries:made in spring 1982. Well over half (between 60 and 70 per cent) of young people asked were wor-

ried that unemployment might increase in the years ahead. At the time of asking !! per cent of EEC nationals in the age group questioned were either unemployed or look-

ing for a job. They also expected crime to increase, likewise terrorism and widespread environmental destruction.

#### What the young think about the future

the better in East-West ties and relations between industrialised and developing countries.

In their expectations of the future young and older people differ little, which surprised Common Market pollsters, who were expecting young people to be more optimistic.

Views differed from generation to generation on European integration. Most young people are not hostile toward the idea of a united Europe, but 46 per cent would be indifferent to a breakdown of A mere 30 per cent foresaw a turn for the European Community.

Fifty-eight per cent of the EEC young have either great or some confidence in people in the United States, whereas 72

on relations between young people and their parents. Sixty-three per cent of Dutch youngsters questioned said they were very

Rudolf Wight Pather questions include what targets the Zeit, 28 October 1 lemitory they might be simed at

All Nato countries enjoyed the same

Bonn had no intention of indirectly laying claim to nuclear status, either via a right to a say or a right of veto.

amounted to not much more than con-

(Kölner Stadt-Anzeiger, 3 November 1983)

Exports

Share of world totaling whe scrapheap.

or too long too little has been invest-

d in German industry. Many firms

using plant and equipment fit only

As a result, it is difficult to improve

10 1960, just under 32 per cent of

and equipment was less than five

an old. In 1970 28 per cent was. In

If something is not done, prospects

med and the consequences for eco-

rintemational competitiveness will be

be no room for pay increases or

he problem dates from the Opec oil

ses that should have been met head

yow, 10 years after the first oil shock.

the of 1973 and 1979. They were chal-

h from the beginning by heavy invest-

ductivity and create jobs.

20 23 per cent was.

M. But they weren't.

perstations for example.

of be overlooked; growth and envi-

because of Bonn's investment

des for manufacturing and hous-

#### TRADE

## Germans slow off the mark in Far East, meeting told



German businessmen have been accused of being slow to take advantage of the commercial possibilities of South-East Asia.

A board member of the Ifo economic research institute. Dr Helmut Laumer. told a conference in Munich that almost all other EEC countries had increased exports to the region faster than Germany between 1976 and 1981.

Germany exported DM4bn worth of industrial goods a year, which made it the biggest EEC supplier. But, said Dr Laumer, it was running the risk of losing

this advantage to European competitors. He was addressing a conference organised by Ifo and attended by 400 delegates comprising businessmen, econo-

mists and politicians. Ifo took the step because of increased interest in South-East Asia's commercial possibilities. There have been various high-level trips to the region, including one by Development Aid Minister Jur-

gen Warnke to Singapore. The head of the Federation of German Industry, Professor Rolf Rodenstock, is about to leave on a tour of Singapore, Thalland and the Philippines.

"Ifo arranged an interesting blend of speakers: Germans and Asians; and authorities both in the theory and the practice of business.

The first day was dominated by the theorists. The managers took over the second day. And opinions clashed.

The businessmen were annoyed at the academics' trend towards generalising and use of statistics to back up opinions.

They became even more annoyed when speakers such as Dr Laumer accused them of inactivity and lack of involvement in the Far East.

Dr Laumer said half the exports to the region were from Japan and 23 per cent from the US. These figures were both ris-

Only 20 per cent came from the EEC. And this figure was getting less.

He said West Germany's deteriorating position was due to a lack of initiative. It was not because of a lack of competi-

Competitiveness had improved compared with other EEC members over the past few years, Ifo studies had shown.

Neither could the blame be put on lack of export opportunities. The share of high-tech products among German exports, for example, was higher than France's or Italy's or Japan's to South-

Business delegates rejected Dr Laumer's accusations. They pointed to the differing commercial significance of the individual countries, their different economic positions, needs and economic policies — especially regarding trade.

Dr Wilfried Lütkenhorst of the Ruhr University in Bochum said that protective tariffs and non-tariff trade obstacles and export subsidies played a major role in the South-East Asian countries. But none of this discriminated against the to the Comecon countries foreign debt EEC countries. Since these measures Despite political ups and downs, the applied equally to all exporters they East Bloc's share of Germany's overall

were no excuse for the EEC's relatively weak position there.

The managers were also upset at being accused of inadequate representation in South-East Asia. They said that this certainly did not apply to major corporations, though it might to me-

Representatives of smaller companies conceded that their representation was not high, but blamed this on tight finan-

The managers also said that the statistics presented by the academics did not

They said US competition on the South-East Asian market was not as formidable as statistics seemed to indi-

Much of America's exports, they said, were farm products and aircraft - an area in which German industry does not

compete. A compromise formula was found despite these differences. The businessmen conceded the theoreticians' interest in coming up with generally applicable statements. And the academics conceded that their point of view might out of

The two camps agreed on the smallest common denominator: totally different views but a common aim.

It did not take them long to agree that South-Eust Asia was one of the world's fastest growing market, which presented German industry with excellent sales opportunities.

Deployment of missiles in Western

age trade between the East Bloc and the

West, says a German trade organisation.

federation, polled its members before is-

suing a statement.

relations.

BGA, the wholesale and foreign trade

The president, Hans Hartwig, said

East Bloc countries made a clear distinc-

tion between foreign affairs and trade

However, trade with some of the

smaller East Bloc nations might be

hampered because of their high foreign

Several member firms said it was ab-

surd to think that Comecon countries

and missile deployment.

trade with the USSR.

Hartwig says. !

tern technology.

mated.

would see any link at all between trade

The Western embargo after the Soviet

invasion of Afghanistan had not harmed

The Soviet Union did not retaliate by

logy embargo beyond its own borders,

The companies interviewed agreed

that the influence of political events on

East-West trade must not be overesti-

The heavy increase in trade in the first

half of the 1970s, they said, was primari-

ly due to the East Bloc's opening to-

wards the West and its drive to buy Wes-

The more sluggish trade that set in

around the mid-1970s was primarily due

buying its grain from non-American sel-

lers until Washington extended its tech-

Europe next month would not dam-

1983 (Estimate) USA USA 40%  $59\,\%$ [A] Japan Britain 8 France 7 Germany Germany France Germany 🔼 6 Britain italy 3 Japan3

Industrial output

Share of world output in %

Japan 2 🖲 The director of the Manila-based Centre for Research and Communication, Jesus P. Estanislau, said he expected an average annual growth rate of seven per cent for the region until the year 2000. Despite agreement on the opportuni-

The rise of Japan

ties offered by the Far East, there was also an awareness of the risks. The danger was seen as coming from the Asean countries themselves, though particularly from Japan which commer-

cially dominates the region. Japan's dominant position rests primarily with the general trading corporations that put their emphasis on wholesale and foreign trade. This is reinforced by financing deals and their function as a command post for Japan's major industrial conglonierates.

These general trading firms have branches, subsidiaries and representative offices in all South-East Asian

Their strong market position and their size (Japan's biggest trading firm, the Mitsubishi Corporation, is eight times the size of its German counterpart, Stin-

Who supplies the East Bloc?

Exporters in 1982 (in \$billion)

1 Switzerland

1.7 Austria

Now, 10 years after the first oil snock, ness GmbH, in terms of salest idestry is still feeling the burden of them to ward off expont offers setantly rising costs due to the cost of the competition. This view warp ergy, the cost of wages and the cost of ward by Dr Max Eli, head of the forey.

mics department of Allianz AGG The profits of most companies have ny biggest insurance company. It identifies the profits of most companies have he said that this was supposed but aside reserves and the ready cash Japanese firms' mistrust of industrian is getting worse. Borrowing has cooperation deals.

14

Britain

France 8

Because of this dominant point in addition heavy public sector defi-the Japanese trading firms, Difference markets. von Kirchbach of the Economica the net result is that industry has had cial Commission for Asia and the ligantime to modernise production. fic. Singupore, considers directs bincentive to modernise production.
ment in Asia is essential. The production according to the Federal Statistics involvement the greater the day in the individual of the federal statistics involvement the greater the day in the individual of the individual of the said. success, he said.

the conclusion of the men 1960s and four per cent in the 1970s. that South-East Asia is far from From the beginning of 1980 to the be-Japan's front yard, as it is often than of this year, the growth rate ered in Europe. cred in Europe.

After all, Indonesia is as far far the to meeting the demands of ecolopan as India is from Europe A the zero growth for a sound environone delegate put it, nobody was Kal.

riously call India Furope's from a But this is a fallacy. It is the old pro
Bend is stion facilities that cause the most

(Stunganer Zeitung, 2000 and to the environment. Old conl-fired

#### Without this rise, Germanys and other environmental protection Missile issue to Comecon as a whole, which me per cent to DM9.6bn, would and There is yet another factor that should 'no threat to Comecon deals'

Sweden D

Bel/Lux 0.9

Vest Germany

10 East Germany)

foreign trade has remained fairly con-

able shift in the trade with Comecon

countries, in both imports and exports.

More than half of Germany's East Bloc

trade is now accounted for by the Soviet

The Soviet Union is also the only East

Bloc country to which exports rose in

the first half of this year (by 28 per cent

Union, as against one-third earlier.

There has, however, been a consider-

stant at about five per cent.

to DM5.8bn).

Britain 1.5

Canada 2.0

Sales to Rumania, which is pure sumental protection need not exclude ly plugued by its foreign debt, the ch other. What matters is for envi-by 36 per cent to DM333m.

Sumental protection to be organised Hungury's economic reform the market economy lines.

been successful at home but haves the performance of a national eco-had an effect on trade with the land resentially depends on the age of German shipments there in the fall production facilities. The newer they months of this year rose 21 per and the more technologically adfluctd, the higher their productivity. DM1.1bn.

After dropping markedly in the rate of investment has improved few years, shipments to Poland the past few months. But this is pribilised at about DMIbn.

The BGA doubts that the Com countries will be able to sustain the luctance to import Western plant equipment and consumer goods if did, they would fall even further the West. The Soviet Union is an a

cause of its greater export capacity muterials and energy sales coulded enough foreign exchange 10 PM technology imports on a global state German exporters are waiting

other Comecon countries to solit debt problems. This is being hampered by the

lity to expand their exports die EEC's protectionism in agricultation tiles and steel. The BOA stresses that the Pas

overall debt to the West hat the fold (to \$90bn) in the past decade Hans-Jürgen Mil (Die Welt; 24 Oanle

**■ INDUSTRY** 

### Plant fit for the scrapheap threatens competitiveness

ing. Still, while the investment trend in 1982 clearly pointed downward, it now at least points in the right direction: up.

Investments are expected to be up 3.5 per cent adjusted for inflation this year and 4.5 per cent in 1984.

But even these growth rates are nothing special, as a Bundesbank analysis

In the first half of this year, business (excluding housing and banks) invested 4.5 per cent more in buildings and equipment than in the same period last

Investment in plant and equipment has thus risen slightly more steeply against the previous year than GNP. This is good, but it is not enough.

The Bundesbank says investment in plant and equipment are still inadequate considering the structural changes and need to remain competitive on foreign

Industry's investment in plant and equipment in the first half of 1983 accounted for only II per cent of GNP. Deducting depreciation, this drops to a mere 1.5 per cent of GNP.

This 1.5 per cent is the figure by which new investments exceeded wear

"Apart from a brief phase after the 1973/74 oil shock, this is the lowest investment rate ever in this country," says the Bundesbank. Investment in the 1970s averaged four

per cent of GNP in the 1960s it was as much as six per cent. "Much more is needed to secure a

sustained growth and provide more jobs," it says. Yet many people doubt that invest-

ment creates jobs. The common view is exactly the opposite: that they do away with them. But this is wrong.

High investment phases have always been marked by a growing demand for labour. The fact is that investments secure existing jobs and provide new ones.

It is also a fact that rationalisation is gaining in importance as a driving force behind investment. In polls by the Munich-based Iso Institute, more than half of the respondents said that their investments this year would be for the introduction of new production methods. Ifo terms this a post-war record.

But rationalisation need not necessarily mean layoffs. In its last annual report, the Council of Economic Experts said cessary to secure our competitiveness on world markets and our future standard of living."

German pay rates, the experts said, could only be maintained if productivity rises, and this presupposes rationalisation investments.

had too little not too much rationalisation investment in the past five years.

that "rationalisation investments are ne-

The council says that Germany has

light. In its 1982 annual report, it stresses that the efficiency of Germany's production facilities has suffered as a result of the two oil crises.

The Bundesbank sees it in a similar

The capital-intensive measures to save energy and develop alternative sources had left little money for productivity im provements

Moreover, competition from threshold countries had led to the shutdown of production capacities in important ranches of industry.

Only additional investments could remedy this and the obsolescence of production facilities, says the bank, which favours investment in technologi-

Paul Bellinghausen (Rheinischer Merkur/Christ und Welt,

#### New generation of robots steps up the efficiency

Talf of Germany's 1.2 million assembly line jobs are threatened by the new generation of thinking robots, according to a Commerzbank report.

It says that current robot technology eliminates two or three jobs per robot. The second generation will eliminate between four and six jobs and, in some cases, up to 10.

The report quotes Volkswagen figures: robots have been doing between 14 and 25 per cent of production work. This was expected to increase to 40 per cent in the medium term and eventually

At the BMW works, it was anticipated that 40 per cent of assembly line work would be done by robots by the year

The Prognos-Makintosh Institute estimates that 200,000 jobs will be lost by 1985 and 500,000 by 1990. The Ifo Insti-

The use of assembly line robots (in jargon, the "rationalisation potential of the future") in Germany has been relatively low compared with Japan and the

Japan's use of robots is primarily aimed at compensation for its labour shortage. In Europe, they are essentially used to replace obsolete assembly line

The adaptation to new models of the firmly installed robots along the welding assembly lines of the auto industry is difficult and costly. But the new generation equipped with sensors can easily

Programmable robots can even work' on different models along the same as-

The report terms it noteworthy that it was two of Europe's high wage countries - Sweden and the Federal Republic of Germany — that took places one and two on the list of robot users.

Up to now, it has been primarily the auto industry that has used robots for welding and spraying."

The distribution of the remaining work in this area of manufacturing would cause problems.

If skilled workers were to take on these jobs they would lower their status. But in most cases the work would be done by unskilled or semi-skilled workers whom it would be difficult to train for other types of work, the Commerzbank says, quoting a Battelle Institute

The bank's report points to the fact that robots help ensure competitiveness and thus safeguard jobs.

They could, for instance, reverse the shifting of production facilities to lowwage countries if automation shows that Germany is more attractive than developing or threshold countries.

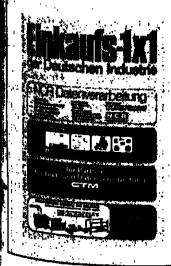
The report says that forecasts out the new jobs that would be created by robot manufacturers at no more than 20.000. In addition, there would be the jobs the manufacturers' suppliers would provide.

The 15 leaders among the world's 220 robot makers have captured about 80 per cent of the Western industrial world market.

'The product lines of some 30 German companies include robots. Commerzbank says that last year, robot sales worldwide amounted to

DM1.5bn (Frankfurter Neue Presse, 26 October 1983)

### 220,000 suppliers of 75,000 products 'made in Germany'



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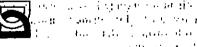
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#### RESEARCH AND DEVELOPMENT

## Strong criticism of German efforts in genetic engineering

est Germany is falling behind other countries in genetic engineering and other new biological processes, says a panel commissioned by Bonn Research Minister Heinz Riesenhuber.

Japan and the USA, and even Britain and Switzerland, are much further ahead in the kind of genetic manipulation that leads to the development of new industrial processes.

Biotechnology is expected to result in better medicines, richer harvests, more efficient processing of raw materials, better waste disposal and more natural and safer work processes in the chemical industry. Only microprocessors are having a comparable scientific impact.

This makes it all the worse Germany is not keeping up.

If the panel's findings are correct Bonn's promotion of biotechnology research has been a flop.

Riesenhuber's predecessor Volker Hauff, who was more interested in nuclear and computer technology, commissioned two major research institutes to delve into genetics at an annual cost of more than DM30m.

But, says the panel, the work done by the institutes was pitiful. The institutes are the Institute for Biotechnological Research (GBF), Brunswick, and the Institute for Biotechnology (IBT) of the Nuclear Research Centre in Julich.

The panel says that the research and development work at the various GBF departments differed widely in quality. Top research teams were found to be very much in the minority."

Some groups, the panel says, "did quite sound basic research but their work lacked the desired orientation towards long-term practical application."

The findings of several groups were assessed as "rather below average international standards.

Only two branch institutes of IBT impressed the panel. That of a third branch institute was seen as "problematic."

It was probably most welcome to the panel to be able to use Germany's rescarchers as a scapegoat for the poor take-off into the bio-future.

The point is that the panel members themselves must bear some of the blame for the backwardness of Germany's re-

Four of the nine are board members of German chemical and pharmaceutical corporations - that is, when they don't happen to be writing expert opinions. And it is industry that has missed the genetics boat.

The other five panel members are university professors, and it is the universities that must bear the blame for Germany's research deficit rather than those responsible for government pro-

Research, Ministry figures speak for

Over the years, Bonn has poured much more money into industrial, university and Max Planck Institute research projects than into the biotechnology institutes.

DM63 m and DM70m respectively will go to private and university research projects this year and next. DM336m was spent on biotechnology projects over the past ten years - much of it money down the drain.

Though industry is always happy to

take money from Bonn, the funds are not put into additional research.

A top executive of a chemical group that ranks among the leaders in genetic technology: "It's a bit unfair of us to take the money from Bonn because what research we can afford we do anyway the rest we leave alone. The million or two from Bonn has no influence on our research decisions.

Insulin, the first marketable product made from genetically manipulated bacteria, shows how little state subsidies help in international competition if industry itself is not on its toes.

Bonn came up with subsidies for insulin research. Schering AG collected DM2.5m for a project in this field between 1975 and 1978. Hoechst AG received DM2.3m for the same purpose.

But Schering abandoned the project at the end of 1978 because the board saw no chance of weathering the competition on the insulin market, among them Hoechst.

Hoechst's genetically manipulated insulin will reach the market in 1984 at the earliest - two years after the American competitor Eli Lilly which has already begun to capture the German market.

The success recipe of America's biotechnology industry rests on a simple formula: economic ties between top university researchers and financial

Professors and financiers, the latter often acting on behalf of major industrial corporations, join forces in small research companies, translating scientific know-how into new products.

Next to none of this exists in this country. There is no venture capital, no adequate number of top scientists and no unhumpered cooperation between universities and industry.

The task of acting as a "go-between between university institutes and indus-

Descarch is essential for industrial

R and economic progress. Many in-

dustries depend on research to keep up

A modern nation's economy is gene-

rally only as innovative as its science

and research. That is one reasons why

Japan has become a world industrial

power. And it is why Japan is likely to

produce more surprises for its competi-

Yet, once Germany was the leader in

German research essentially takes

place on three levels: the universities

and their institutes; industry; and inde-

pendent institutes, some of which colla-

borate with the universities or industry

The Fraunhofer Society works in clo-

se cooperation with both industry and

the universities. Its emphasis is on prac-

tical application of research and most of

With its 30 institutes in eight of the

German states, the society is this coun-

try's largest organisation specialising in

work commissioned by industry. It has

1,000 scientists among its staff of 3,000.

per cent more than the previous year.

The budget for 1982 was DM289m, 14

As opposed to other publicly subsidi-

sed research institutions, the Fraunhofer

science, particularly chemistry, medicine

and pharmacology.

it is done on contract,

try has overtaxed the Brunswick and Julich institutes from the very beginning," says a 1980 Research Ministry report.

The institutes would only have stood a chance of industry had sought and offered cooperation. But it did not, the re-

As one GBF scientist says: "There are hardly any of the major industrial corporations among our partners. It's mostly small or foreign companies that want to cooperate with us."

A board member of a pharmaceutical company confirms this from his vantage point: "There has been no cooperation between us and BGF. Perhaps we weren't aware of their capabilities. And perhaps they didn't sell themselves well enough.

What bothers the research managers of the major industrial corporations is the government researchers' obsession with having a say.

At GBF - in legal terms a limited company - supervisory and advisory boards proliferated at almost the same rate as the microbes in the laboratories.

Control and advisory functions were exercised by company meetings and the supervisory board, the management board, the scientific-technical council, the scientific advisory panel, the department councils and the works coun-

What the Brunswick scientists regarded as freedom of research is seen by Riesenhuber's panel of experts as the source of all evil: "This structure permits neither efficient management nor adequate quality controls."

Riesenhuber has assigned himself the task of streamlining GBF. He is likely to adopt his panel's proposals and thin out the jungle of bourds.

Two representatives of industry will join the supervisory board of ten.

Group acts as

laboratory

for industry

The Fraunhofer Society, a scientific re-

search organisation which has 30 units

specialising in applied research on con-

tract to industry, has held its annual con-

Society get most of its budget from con-

tractual work commissioned by industry

The society's research work is divided

into three sectors: contractual work in

1982 accounted for DM192m in reve-

nues. The service sector made DM11m.

search work which accounted for 83 per

The third sector is defence related and

the operating costs for that year were

about DM42m - the same as in the

previous year. This means that work in

this sector has been cut back somewhat.

major areas: micro-electronics, sensor

technology, data processing and produc-

tion automation, production technology.

The research is con centrated on eight

cent of the society's operating costs.

These two areas include civilian re-

ference in Beriin.

The panel's proposed slimming diet

for the Jülich Institute for him. Schüler is likely to be called gy and its suggestion that it to be part of GBF are likely to cause of night. This time it is just before nister some headaches.

To accommodate the Mich is the Heidelberg police radio desk cultures. This, according to the solid him of a serious motorcycle acwould make the envisaged of the solid between Schwetzingen and Heiwould make the envisaged one of a DM40m new laborator he dins into his gear, pushes his bike

of the garage and heads for the scene But this slimming cure done the accident, arriving hot on the heels

go with Riesenhuber's promise the police patrol car.
priority to promoting biotechnology in engineer by profession, Schüler If he actually believes the Greeks for the forensic medicine departments a prairie biotech where needs a major biotechnology at at Heidelberg University institute he would have to spend gob is to reconstruct motorcycle ac-

There is also the fact that the department has compiled records scientists are reluctant to abande fore than 500 crashes.

work on plant cell cultures - 16th Acar turning a corner has crossed the garded as particularly promising in of a motorcycle travelling straight and on the main road and unable to

But there are arguments that in time. ngainst major research in Bruss the motorist says he never even saw four other genetic research central bike. The motorcyclist was catapulthe making, and all of them is cover the car, landed on the asphalt hopes on the Research Ministry is bought to a halt by the crash barse. Their motors are the ministry is bought to a halt by the crash barse. se. Their major advantage is but act as a direct link between indexts like was wearing a helmet but seems to

university institutes. e suffered serious head injuries. Take Cologne: here, Bayer, he Schiller gets down to work, first takversity and the Max Planck inside a measurements of the scene of the acGenetic Research are working her deat, then taking photographs and inhand. Bonn intends to subside adjusting the vehicles involved.
with DM16m until 1986.
These data, accompanied by details of with DM16m until 1986.

In Heidelberg, university and the nature and seriousness of the inju-work closely together and are to me to the sustained by all concerned, will close to IDM 19m from Bonn until The motorcyclist's helmet and gear

In Munich, a working party manual later be investigated in accordance of Bayer, Hoechst, the university of the a procedure specially devised in Max Planck Institute hopes to respective. help from Bonn.

importance is also attached to inter-And in Berlin, Schering coope with the motorcyclists on how the with the university and is received trident happened. Everything they say sidies from the Senate and hoping triated as strictly confidential.

Almost all patients are prepared to This makes it obvious that Rise felly when they realise that their expeber, the universities and industry series may benefit other motorcyclists thebout the accident." he says, "espeand that we too are bikers and have The Brunswick researchers will furthend knowledge of the subject."

hard to prove themselves indispussed the certainly does. He is frequently Wolfgung Ochmun Consulted by the courts as a motorcycle (Die Zeit, 14 October 14 Die zeit, 14 October 14 Die zeit, 14 October 15 Die zeit, 14 October 16 Die zeit, 14 Die withds of helmet available.

material and component characters He has logged 100,000km without an procedural technology, energy and resident and is a motorcycle fan in pri-struction technology and environment welife. He says his job has taught him research. This is supplemented by the life his bike in a special way. nical and economic studies and special way.

nical and economic studies and specific acceptables at as prioring mis order in nical and economic studies and specific acceptable at as prioring mis order in nical and economic studies and specific acceptable at as prioring mis order in nical and economic studies and specific acceptable at as prioring mis order in nical and economic studies and specific acceptable at as prioring mis order in nical and economic studies and specific acceptable at as prioring mis order in nical and economic studies and specific acceptable at a prioring mis order in nical and economic studies and specific acceptable at a prioring mis order in nical and economic studies and specific acceptable at a specific acceptable acceptable acceptable at a specific acceptable at a specific acceptable acceptable acceptable at a specific acceptable acceptable acceptabl The society's full-time president in thurnedly and anticipating events.

1974 to September 1983 was the part Accident research gains a valuable incist and industrialist Dr Heinz Kelk.

Cist and industrialist Dr Heinz Kelk.

When he retired because of age to comparing the objective tacts when he retired because of age to compile by the expert and the subjectives succeeded by Professor Max System to the people involved.

One can justifiably speak of a "Kelk" Unconscious reflexes developed by era" in which the society's overall we trained motorcyclists have been shown tripled in value to reach DM3000- a some cases to have prevented the ac-

a tyen more serious than lack of toler-

between motorists and motorcy-

which often leads to aggressive

Group compulsion compels motorcy-

in particular to drive too fast or

dangerously and overstretch their

behaviour on the road.

work for industry had increased still dent from taking a turn for the worse.

Professor Syrbe told the had and the first question accident researchers meeting that the organisation was still the first question accident researchers meeting that the organisation was still the first question accident researchers. fledgling when Keller took over. The nost frequent causes seem to be He said that the subsidies boom to the subsidies boom to be said that the subsidies boom to be said that the subsidies boom to be said that the subsidies boom to be subsidies boom to be said that the subsidies boom to be subsidies by subsidies boom to be subsid

of powerful bikes and, lastly, the inthe society. Speaking directly to Dr Kelke, , fluence of alcohol. said: "You have given wieght and 1900 Compulsion is the term Schüler bes to describe a phenomenon he feels file to the society."

more from Bonn.

be in on the gene race.

Like his predecessor, Professor is a physicist with an industrial bad ground. His ties with the society gold several years. Together with Profess H.H. Nagel he headed the Fraubold Institute for Information and Data for

In 1975, he was made honorary fessor of Karlsruhe University.

As one seriously injured biker whose (Frankfurter Allgemeint Zenn für Deutschland, I November (188) billiend was killed in the crash put it:

**■ MOTORING** 

Death on a motorcycle: the man who finds out why

"At last I no longer need to keep up with the rest at breakneck speed."

The repercussions of the accidents, especially the injuries, are also an important subject the probe is intended to

Which injuries were prevented by the helmet, protective clothing, crash bars and saddle bags? Which could have been prevented by them?

The aim of this part of the probe is to help improve accident precautions of this kind, accompanied by biomechanical safety tests in the university labora-

An important conclusion already reached is that helmets (worn by over 90 per cent of motorcyclists) are often lifesavers and have never done anyone any

Head injuries and brain damage are still the most dangerous and most frequent injuries that happen in motorcycle

As a general rule the biker's head performs the "concertina zone" function. But the kind of head injuries that occur seems to have changed.

Fractured skulls have grown extremely infrequent, whereas brain damage occur in serious accidents even when helmets are worn.

Herr Schüler and his colleagues in Heidelberg see this as proof that crash helmets as currently designed and marketed still have ample room for improvement.

The situation, he says with regret, is diametrically opposite to the position with regard to car safety belts.

Bells have been improved in design and quality as a result of heavy investment by the motor industry, but an incomprehensibly low percentage of motorists use them.

Far more motorcyclists wear helmets. but they could be protected much more effectively if only helmet design and construction were systematically improv-

One of the main reasons why this isn't done is because nearly all motorcycle manufacturers are not particularly interested in improvements.

The Heidelberg project team, led by the head of the department, Professor Georg Schmidt, say a number of improvements could be undertaken without difficulty.

The simplest improvement would be to equip all helmets with a simple but effective chinstrap fastener.

Chinstraps that are so complicated to fasten that they never are fastened are as pointless and dangerous as visors that require more than one movement of the hand to open or shut.

Visors have a further shortcoming. They are easily scratched and they steam up. Herr Schüler says these problems will be solved before long.

If bikers have to choose between a scratchproof visor and one that doesn't steam up, the Heidelberg research team say non-steamers should be given pref-

A scratched visor can always be replaced, whereas one that suddenly steams up can readily lead to an accident before anything can be done about

The Heidelberg boffins strongly advise against tinted visors. At times they can seriously limit the field of vision.

The most important improvement needed, Herr Schüler says, is in the materials used and the choice of matching lining and outer shell.

Critical head injuries can only be prevented by the right choice of materials. The Heidelberg research unit strongly advise against cut-price offers.

What matters in a helmet is a good fit and a firm one. Thick latex foam padding is bad in helmets because it tends to loosen the fit.

Light-coloured helmets and reflecting decor help to ensure that bikers can be better seen by other road-users.

If helmets are to be repainted (and that could well be banned), then the paint to be used must be specified, as poor paint can seriously impair the protection given.

Important though helmet and protective clothing may be for a motorcyclists's safety, there is no substitute for expert motorcycle maintenance.

Even by periodically checking the functions, bikers can develop a sense of rapport with their bike and will notice suden changes or wear and tear.

It is obviously invaluable to be able to recognise low tyre pressure, overloading or bad brakes for what they are. Keeping physically fit is essential

Herr Schüler says. Motorcycling calls for a constant interplay between man and machine.

That, he feels, is why alcohol and drugs (including pills) are much more dangerous for motorcyclists than for

"Alcohol in particular sweeps away inhibitions, leading to situations on a bike that the biker would not be able to handle even if he were sober.'

Alcohol also leads to impairment of the sense of balance, and equilibrium is essential for two-wheelers and people who ride them.

Herr Schüler would like to see all applicants for a Class I driving licence (for motorcycles) given a medical to check their sense of balance.

"If you have trouble in that department," he says, "you're bound to be in line for an accident."

Does he still find biking fun when so many risks are so readily apparent? "Most risks can be avoided, and then it's great fun on a bike," he says.

> Jutta Diebold (Stuttgarter Nachrichten, 29 October 1983)

ast May the Transport Ministry and Lithe Road Safety Council launched a publicity campaign to persuade more motorists to use seat belts.

If the latest Transport Ministry figures are any guide it would be an understatement to say the campaign had not

been very effective yet. The percentage of motorists who use their belts has on average declined: by one per cent in all and by two per cent

on country roads. Bonn Transport Minister Werner Dollinger a year ago shelved his predecessor's plans to impose fines for not wearing belts.

He continues, for the time being, to bank on the common sense and ability to see reason of men and women at the

A few weeks ago he said on TV that if motorists did not show greater readiness to belt up the situation would need to be reconsidered.

A Ministry spokesman has now announced that the belt-up campaign is to continue at least into the New Year. Decisions would not be reached until its findings had been submitted.

At present the Ministry had no intention of introducing fines for belt offen-

The latest statistics, compiled by the Road Research Establishment in Bergisch Gladbach, near Cologne, are as More accidents but fewer use seat belts

On autobahns 81 per cent of motorists belt up, or the same percentage as last March, which was when the previous survey was made.

On country roads the percentage has declined from 67 to 65, while in town, where belting up is most effective, the figures are discouraging.

Only 45 per cent of motorists belt up in town, which is a mere one per cent more than last spring.

DM2.5m. The latest figures were eagerly awaited and are a particular disappointment because the percentage has in the past always been highest after the summer season,

In September 1982 the percentage of belt-users in town even peaked at 50, although that was arguably because fines were due to be imposed for not belting

Twenty large-scale events have been held all over the country, plus hundreds of smaller shows, as part of the campaign that is now to continue until next

Smaller events have been held and

brochures have been distributed in 2,500 companies large and small. Industrial accident insurance corporations have run radio advertising campaigns.

The police too have laid special emphasis on belting up when carrying out traffic checks.

The new figures must be seen against the background of a larger number of traffic accidents. According to the Federal Statistics Office, Wiesbaden, accidents are on the increase.

In the first eight months of this year the number of accidents in which people were killed or maimed on the roads was up 6.8 per cent on the same period last

The number of people injured was seven per cent higher, the number of road deaths 3.5 per cent up.

A Transport Ministry spkesman admits that the figure for country roads in particular seem not to make sense, but the number who belt up in town are even more alarming.

Eighty-four per cent of all road accidents in the Federal Republic of Germany that have involved deaths or injuries in recent years have occurred at spees of less 60 km/h, or about 38mph.

According to Road Safety Council estimated 170 road injuries and five road deaths a day could be avoided if most motorists and passengers were to belt Hans-Uwe Haertel

(Kolner Stadt-Anzeiger, 27 October 1983)

No figures were available on the

Realschule (not so elite) secondary

schools but it is estimated that at least

receive data processing instruction. But

only one per cent agree to being exam-

Up to 60 per cent of senior students

A data processing teacher: "We have

Hardware (the computers themselves)

captured the school's elite, but we want

prices have dropped considerably in the

past few years, but it is still expensive.

Teachers ask where the money is to

Up to now, the schools have gone to

the industry hat in hand. Computer ma-

nufacturers have been pretty generous,

knowing that every give-away computer

could result in a home computer buyer.

even more. Only few of those who at-

tended the Loccum meeting were trai-

ning computer experts. Most teachers

are self-taught. Some have attended spe-

But the courses are overun and three-

Delegates at Loccum disagreed on

whether to have a separate computer

science subject at school or whether this

should be part of mathematics, physics

Data processing ranks as third or

Another problem worries the teachers

25 provide computer instruction.

to get all of them."

### A master makes anti-racist point at Hof festival

hite Dog, old master Samuel Ful-ler's manifesto against racism, tells the tale of a white dog that is taught to kill blacks.

A-black scientist tries to deprogramme the dog and make it forget its training to hate blacks. But it ends up attacking whites instead.

Fuller's film was the outstanding one at the 17th international film festival in Hof, Bavaria.

The director starred in person, 71 years old and a big man, although small in physique, invariably dressed in a light-coloured trench coat with the collar turned up. He looked like someone straight out of a gangster movie.

A number of film classics shown at the festival included his Western, 40 Guns, made in 1957, a black-and-white sight for sore eyes starring Barbara Stanwyck as the only "man" among men who were still men.

What would Hof be without Hollywood? Festival organiser Heinz Badewitz certainly has a sixth sense for films to keep his public happy.

#### Something for all

This year they included The Howling, a horror film by John Sayles featuring a dinosaur-sized alligator and a werewolf, Marilyn Monroe in Bus Stop and Richard Gere in Breathless.

So there was something to suit all tastes. A thin patch in new German films was tided over. Filmgoers were elated again.

The retrospective devoted to the work of US director and screenplay writer John Sayles, 33, showed that Hollywood relies on the same ingredients as anyone else. But how much more effectively even when they are sparingly used!

His Lianna was the most impressive of the many dropout films at the festival. It tells the tale of a woman who leaves her husband and children for another woman and in the end is deserted her-

Hans Noever's latest film, Julius geht nach Amerika (Julius Goes To America), is fine. Let me not be misunderstood on that point. It is engagingly unambi-

But the point of the film, which is that Julius, a forklift truck-driver, in fact merely moves from one part of Munich to another, could have done with a little more varied and wittler treatment.

Peter Fleischmann's Frevel (Outrage), the tale of a plain-clothes police officer and dropout, keeps viewers breathless in comparison, albeit unwittingly.

It starts like a hapless TV crime serial in which the casting is all wrong and grows steadily more mysterious and tension-laden in the puzzling tale it tells.

It is all about a mother who kills her child, a truly quiet and secretive woman, and ends with a dramaturgical bombshell that in retrospect lacks both motivation and credibility."

a supranational network of European Roland Klick's White Star, starring Dennis Hopper, is a total failure. Hopper is cast as a record promoter deterwhether US distributors' trading practimined by hook or by crook to manage a ces are in keeping with Common Market pale blond youth to superstar status. regulations on freedom of competition.



Hof has traditionally, unconventionally, been a testbed for the new German film, and this year German filmmakers were out in force to make a good im-

Herbert Achternbusch fortunately takes himself more seriously than God (whom he portrayed somewhat controversially in his last film).

This time he notched up a personal success with an autobiographical tale about his parents and his birth entitled Die Olympia-Siegerin (The Olympic Victor).

Werner Schroeter took the pompous 1982 Manila film festival as an opportunity to make a documentary about the

His Der lachende Stern (The Laughing Star) leaves nothing to be desired by way of polemical pointedness, while at the same time he doesn't just give Mrs Imelda Marcos, the President's wife, the sledgehammer treatment.

Lothar Lambert may be accused of dealing carelesly and irresponsibly with topics such as women's lib and homo-

But he must be admitted to have dealt with them in Paso Doble with refreshing case, entertainingly and with anything but a heavy hand.

It tells the tale of a Berlin couple. The wife, played by Ulrike S., has an affair with a Persian masseur. The husband, Albert Heins, falls for a dumb Spanish boy who works as a toilet attendant.

Their children can't make head or tail of what is going on. Neither can the audience, after an entertaining film, of the doubtless ironic but sadly clumsily hetero happy end.

Reinhard Münster is a talented youngster with a knack for humour too. His Dorado One-Way, with which he graduated at the Berlin Film and TV Academy, deals with a filmmaker com-

n all-Buropean film festival is envi-

A saged by the European Parliament

in Strasbourg as a means of hitting back

European filmmakers have been in

commercial straits for 25 years, A fest-

ival for European films only might help,

MEPs feel, and Munich has been sug-

But cash and awards will not be

enough to seriously challenge the com-

manding position held by US filmma-

A more effective method could well

be make 100 prints of award-winning

films and supply them free of charge to

Euro-MPs have instructed the EEC

Commission in Brussels to consider

at competition from US films.

gested as a venue.

kers and distributors.

distributors.

muting between Berlin and Cannes. Its dialogues made it Lubitsch Prize material, and a fine first film. His young colleagues Uwe Schrader, with Kanakerbraut, Daniel Helfer, with Fehlstart, and Volker Maria Arend, with Hure, likewise show talent and amazing self-assurance in handling a cast. So although the German film may .. be. going through a thin patch at present, there need be no worries

(Die Welt, 31 October 1983)

for the future.



Bernd Plagemann White dog, black man . . . from Samuel Fuller's illim Will

### Imagination essential to survive technocratic era

crisis of imagination confronts the A film and TV drama industry in the Federal Republic of Germany, TV critics were told at their 16th Mainz confer-

This sense of creative imagination was essential if film and TV were to survive in a technocratic era. Over 300 participants agreed on a

strategy of joining forces on film to counteract the threat of forfeiting both identity and audience ratings. Film director Alexander Kluge out-

lined approaches to cooperation between the private film trade and the financially secure broadcasting corpora-

His personal commitment and stimulating ideas were instrumental in ensuring that the conference was marked by

FERA, the European film directors'

federation, has held preliminary talks

with the Munich film festival and orga-

niser Eberhard Hauff, but a decision on

Hauff, who is waiting to see what spe-

cific proposals FERA has to make, is

keen on the idea and will certainly not

oppose it. But the European idea will

not, he says, predominate at the Munich

The first festival under new manage-

ment was held this year, and Munich

has grown more cautious after the failu-

re of earlier ambitious plans for interna-

So intensive talks with all groups in-

(Süddeutsche Zeitung, 14 October 1983)

volved will be held before the decision is

reached next month.

Europarliament plan to hit

back at US dominance

teetb

The subject of this year's or was Film Culture - Film Cons (On the State of Relations Ber and TV), and it prompted some ideas in the direction of creativity

Cuble and satellite TV and vide sure to bring about changes in the media of which US production corner the lion's share.

Five US media giants, the confe was told, were interested in newly fits and unconcerned about the being" of German viewers.

The Clerman film industry at networks certainly face a proble intaining their national identily will need to produce a wide my committed film entertainment.

The former director-general of land rischer Rundfunk, Hans Abich,sall power of the intellect ought not loss still in the fuce of the omnipoles the facts.

"We need vitality and joic de well we are to change reality," he said " reality to which he referred can be at ched by quoting snippets from Mainz conference.

Speakers referred to the "speakers whether the Bavarian capital will host mediocrity of German films," 69 the proposed festival is not expected un-"shoe boxes of cinema centres who screens are so small they seem to be verting to TV proportions" and was "immobility of older people 🕪 longer go out to the cinema."

The stick-in-the-mud structure ARD and ZDF, Germany's two many retworks, were the other side die coin. They "accustom the public by rieties of programme, duplicate has selves and fill in the slot by claiming the basis of viewer ratings, they are set viewers want."

They were criticised for paying Religional lywood DM120m for new detection rials while spending only a pittage of domestic film promotion.

So the critics, meeting at the B : Continued on page 13

### he simple, basic essential: garbage in, garbage out

nol computer rooms have become popular that sometimes the power be turned off to get everybody to

y pupils are as familiar with languages like basic, pascal fortran as other are with multiplicatables. The elite have their own

despite the advances, progress is s enough, say pupils. Lower Sax-Education Minister Georg-Berndt itz is determined to open up state is to the new technology, but he een accused of lagging behind de-

ior students say the Americans e Japanese are far ahead. ediately after taking, office a year

Oschatz said it was time for the sto accept the technological chalresponse was varied. Some said

schools should beware of raising computer idiots and electronic Others said schools should go land keep up to date.

en 150 scientists und educators at at the Evangelische Akademie in com to review computer instruction into the computer instruction in the computer in th th progress had actually taken place. rer Saxony's 230 Gymnasium more than mere wailing and grant to secondary schools, 102 already a computer of these, 42 have more La four places for computer training.

> Was ereignet sich in Deutschland? Wie sieht Deutschland die Welt? Anborten auf diese Fragen gibt Ihnen DH: WELT, Deutschlands große, überregionale lages- und Wutschaltszeitung

Que se passe-t-il en Allemagne? Comment l'Allemagne regarde-t-elle le monde?

Yous trouverez les réponses à ces questions dans DIE WELT, la quotidien allentatul indépendant.

O que é que acontece na Alemanha'i Como vê a Alemanka o mundo?

What is happening in Germany? How does Germany view the world?

year waiting lists are no rarity.

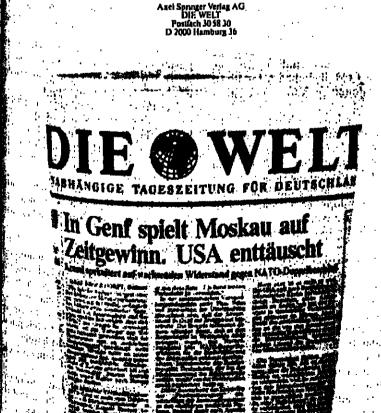
or chemistry.

You will find the answers to these questions in 13]F WI:L3, Germany's independent national quali and economic dully newspaper

Che cosa sta succedendo in Germania? Come vede la Germania il mondo? Risposto a tali questir le trovate in DIE WELT, il quolidiano indipendente, economico della Ciermanta, a livello nationale

¿Quá sycodo en Alemania? ¿Cómo ve Alemania el mundo?

Listed encontrarà la contestación a estas pregunt en DIE WELT, el diario alemán independiente,





Children at play. Pulling out the plug is the only way to make them go home.

fourth elective exam subject for Gymna

In the middle grades of Gymnasium and Realschule, computer science is offered only on an extra-curricular or workshop basis.

One teacher puts a problem to group of students: "What you see here is the crossroads of a main and a secondary street. You're all familiar with it: the main street traffic light is green.

"It doesn't change until a secondary street vehicle triggers a contact point. Make a computer programme that will explain the change of the main street traffic light 'green-yellow-red' to 'redyellow-green' on the secondary street."

The problem is easy for senior students from five Hanover Gymnasium schools attending a computer course at Helene Lange School in Linden.

The 15 students — only one a girl take only a couple of minutes to come up with the programme. The terminal shows a complicated diagram based on the laws of algorithmic logic that govern even the most complicated of computer programmes.

Oversimplified, the computer must be fed information to which it can only answer with a "yes" or "no." For instance: "Is a car passing the contact trigger?"

"Yes." "Does it have the green light?"

"This forces the students to be systematic and logical in their thinking," says teacher Rolf-Wolfgang Meuter, a trained physicist and a realist when it comes to teaching.

While other teachers at the Loccum meeting were overjoyed at the rush of students to attend computer instruction. Meuter favours the use of computers as a mere teaching aid.

"Students are in danger of getting out of touch with reality because there is next to nothing a computer cannot do," he says. "But it cannot replace practical experience in physics instruction. It can develop models of society where singles procreate and couples never have any children. It's easy for the computer. But it can only do what we tell it to do. And this is what the youngsters have to understand;"

Computer experts shrug this off with a single word: "GIGO" - garbage in, garbage out.

Students who attend computer courses are different from the rest. "No future" slogans are not for them. What they think of is their future work.

"I'm attending the computer lessons because I want to become a tax lawyer," says Jensi "I won't be able to manage

without a computer. But I also don't want to have to buy my software; I want to make my own."

Few people realise how far the new generation has progressed in the field of computers.

They are bored with the computer games offered in department stores unless they can develop and programme. them themselves. They have no trouble learning the

computer language. Logo, for instance, was developed by Professor Seymour Papert of Boston for three-year-olds.

Basic already lacks challenge at schools, and students are now going for pascal and fortran.

Yet only eight years ago fortran was regarded as too difficult for university students specialising in statistics.

One Helene Lange School student said: "It's like with swimming. If you learn it as a five-year-old you won't have any problem. But if you're 25 when you're plunged into cold water you get frightened."

One of the Loccum groups dealt with the question whether schools should not protect, children from computers, and their social effects rather then expose them to the electronic brains.

Does communicating with machines

rather than people not entail the loss of the ability to talk?

A mother put it this way; "What will appen when we take the electronic pacifier away from our children?"

The answer was pragmatic: school cannot go against trends in social development. It cannot become a repair The best protection it can offer is to

teach how to deal with computers. The pros and cons are discussed more earestly in Germany than abroad. American, Japanese, Swiss and British schools are much better equipped with

computers than German ones. While Germans timidly ask "should we do it?" the others have been playing

with computers for years. But the Germans are more thorough Munich psychologist Udo Karl of the Centre for the Use of Computers in School Instruction has compared American and German experiences.

He has come up with one conspicuous difference. When American software is programmed to come up with a joke or a comic-strip figure at a certain point, everybody laughs. Germans get annoyed.

Karl: "German computer students don't want to play. They want to work,"

Reinhard Urschel (Hannoversche Allgemeine, 26 October 1983)



### Ancient skeletons reveal more than just bones to medical detectives

When you watch a detective at work in a TV crime serial you expect him to check his evidence, piece his clues together and arrive at an intriguing conclusion.

The work of palaeopathologists can be just as hard and painstaking, and just as rewarding and exciting.

They are scientific detectives who deal with malignant changes in the bone structure of skeletons:

Palaeopathologists and anthropologists can spend up to 30 hours poring over an old bone to squeeze out of it the last ounce of information about the life and times of the former owner.

They must naturally be able to distinguish between normal bone changes due to development or age and changes due to illness.

In 96 per cent of cases, bone finds can be used to identify the age and sex of the person the bone belonged to.

Archaeology can supply a fascinating insight into cultural, social and religious conditions in days gone by. But we know little or nothing about whether people in those days suffered from rheumatism, sciatica or carles, for in-

A touring exhibition currently on show at the Westphalian Archaeological Museum in Münster helps to bridge this gap in a manner as interesting for the layman as it is for the medical specialist.

Tales Skeletons Tell is the name of an exhibition that is the first of its kind ever held in the world. Bones, skulls and sections of jawbone are seen to tell a fascinating tale of illness, medical care and surgical techniques in the early Middle

Archaeologists find graveyards such as those where the bones analysed in this case were buried a mine of informa-

They wre used for decades or even centuries in south-west Germany, where the Romans were expelled by the Alemanni in the third century AD.

These Germanic tribesfolk lived in the area until the eighth century and buried their dead uncremated, leaving pointers to endless items of information.

Inferences can be drawn as to how tall they were, what shape their heads were, what their average life expectancy was and much more.

Their height varied not only from era to era but also from one social group to another. Members of the nobility were usually taller than freemen or slaves.

Differences in skull shape likewise indicate class distinctions. The upper classes had narrower faces and skulls than the freemen or slaves.

Average life expectancy among the Alemanni was about forty.

Signs of serious back trouble were an indication of social status too. The slaves did hard manual labour: backbreaking work. The nobility didn't.

Ailments of the abdomen may in some cases affect the bones too. In conjunction with doctors, palaeopathologists can identify the illness from which, in this case, the mediaeval Germanic tribesman must have suffered.

Not even the most insignificant detail can be ignored, as is shown by the case of the skeleton of a 30- to 40-year-old

man found in a grave near Tailfingen. During excavations the archaeologists felt that small dark dots on his thigh bones were specks of soil, which would have been of no importance.

But under a magnifying glass they were found to be dimple-shaped disintegrations of the bone substance and tiny spots where newly-formed bone substance had taken shape.

These spots were subsidiary tumours resulting from a malignant growth. So the man must have suffered terrible pain and have died of consumption after years of agony.

Caries and parodontosis, or tooth and gum decay, were virtually unknown before the production of cane and beet su-

But both diseases have spread rapidly in Europe since the Middle Ages. Only 15.7 per cent of the Alemanni suffered from toothache due to caries; nowadays the figure is 54.6 per cent for men and 58.2 per cent for women.

Lung, prostate and breast cancer were as widespread then as now, even though there were no industrial exhaust fumes or cigarettes to help spread them.

Anaemia and vitamin D deficiency, both of which affect the bones, occurred. Even Bekhterev's Disease, which is still incurable, was already in evidence.

It is an inflammation of the joints in the course of which veterbrae and swi-

id man part company with his near-

20 million years ago, or was it just four

Anthropologists all over the world are

wonder after excavations in Pakistan by.

Pilbeam unearthed remains of Sivapi-

thecus, a man-ape, eight million years

old. This indicates that he and his con-

temporary, Ramapithecus, are more like-

ly to have been ancestors of the orang

Let us assume, then, that Sivapithe-

cus, named after Shiva, the Hindu god,

and Ramapithecus, named after Rama,

the epic hero prince of the Ramayana,

must now be dismissed as ancestors of

Who was first to jump down from the

trees and can lay claim to having been

the first hominid, or founding father of

The experts are undecided. Some

scholars say it was in fact a woman,

Lucy. This was the name given to a ske-

leton (or about 40 per cent of a skeleton)

found by US anthropologist Donald C.

Lucy is an Australopithecus (or what-

ever the feminine ending is). She and

her kind were between 1.07 and 1.22 me-

tres (3ft 6in to 4ft) tall and walked

She has since been renamed Birkinish,

Another Australopithecine find in

Ethiopia's Awash Valley is even said to

But there are scientists who dispute

Lucy's claim to fame and assume there

to have been hominids at an earlier date

Mainz Anthropologist Winfried Hen-

a local tribal name, by the Ethiopians.

She died aged 18 to 22 about three mil-

upright but hadn't yet learned to use

David Pilbeam of the Peabody Musoum

million years ago?

at Harvard University.

utan than of man,

homo sapiens,

our own species?

Johanson in Ethiopia.

lion years ago,

be four million years old.

est animal relations, the primates,

vel-joints coalesce, slowly and extremely

If the number of head injuries are any guide, the Alemanni must have been a quarrelsome tribe.

To this day an injury in which the skull is split and the brain laid bare is extremely dangerous because of the risk It is surprising to see that people in

the early Middle Ages seem to have survived such lethal injuries for years. The legal codes of the period make it clear that such patients must have been

given medical treatment, with the culprit being fined in keeping with the amount of medical attention needed. Skulls split open can be seen to have been operated on to remove slivers of

patient evidently survived trepanation. The oldest known instance of trepanation, or boring a hole in the skull, took place in about 10,000BC in what is now

bone. There are even cases in which the

Items on show in Münster likewise indicate that artificial legs and feet existed. There is an indirect reference to this in the legal code of the Alemanni.

If a man cuts off another man's foot he must pay him 40 shillings, the code states, whereas if the victim can still walk around outside the farm and go

Lucy may hold

key to the

origins of man

ke, for instance, is convinced that the

first ancestor of man came down from

He will probably have done so at a la-

ter date than Ramapithecus or Sivapi-

thecus, who flourished between eight

In Henke's view, fossil material from

Africa tends to disprove the assumption

that man's ancestors parted company

with the apes as recently as five million

million years old, including a fossilised

upper arm found in Kanapoi, Eastern

The most serious problem scientists

face in tracing man's ancestry is to brid-

ge the gap between the last appearance

of Ramapithecus and Sivapithecus (who

were possibly one and the same species)

eight million years ago and the emer-

Nothing has yet been found between

Professor Christian Vogel of Gottin-

is similarly unconvinced that man was are unlikely to have developed and

existence.

gen University anthropology department

emerged until a few million years ago, as

Molecular biologists have lately an-

ferent from their counterparts in more lier.

molecular biologists in particular claim.

alysed various blood and cell proteins

and found them to be virtually identical

to those found in similar species but dif-

gence of Australopithecus about four to

five million years ago.

the two.

remote species.

There are hominid finds up to five

and 20 million years ago.

the trees at least seven to eight million

years ago.

years ago.

round his field using a still the MEDICINE be paid 25 shillings.

Visitors can also see how have been artificially deform daging, a custom found in the and later among Mongolian and in the Pamir mountains

It was brought to Central the Huns in the fifth century ther the Alemanni took it was gious or aesthetic reasons wer the newest computer tomography

Visitors to this unusual energy that the inselves a living and the exposed to radiation. for themselves a living wolf new tomographs provide pic-work and suffering as undergone of cross-sections of the human

But instead of X-rays, they work The idea of displaying such magnetic fields that interact with public, rather than merely promis nuclei of hums the results in scientific journal fude to emit signals. ken up by an anthropologic computer converts the signals into urchaeologist.

The anthropologist was by the son Czarnetzki of Tübingen Universe absence of radiation makes them archaeologist Dr Rotraud War ble for cases where radiation can be

Württemberg State Museum, Survey, such as with pregnant women.

They worked out the dentil steuphoria over the safety of tomojunction with Dr Christian Unit, he has waned.

tor at St Catherine's Hospital in searchers at the Radiology Clinic Public interest was tested air let's Christian Albrecht University

at the Stuttgart museum. It was a come up with evidence that the that the trio realised they have static magnetic fields used in the

mic nuclei of human tissues that

ection views of the patient's head

The skeletons of our German Gremmel, H. Wendhausen and F. bears are now on tour. They call sach have released scientific inforin Münster until mid-January and indicating that magnetic fields of then be bound for the Rhouse than 0.1 testa (about 2,000 times

They claim in their laborate

have found evidence of a mi

clock. Protein structure change

regularly.

common ancestor.

Professor Ziegelmayer of

So differences must have sign

Museum in Bonn and the Camps of parties of the camps of t due to reach in 1986.

Renate State biological effects were Renate State Busyl unknown, the American Hos-(Die Zeit, 140mm Society set the magnetic field liused in diagnostic processes at two netic field.

on completion of the experiment. The 17 test persons had 55 tempera-

With magnetic fields of more than 0.5

The two effects are independent of each other. The cooling of the muscles occurred in all tests while the warming up of the veins due to changes in the flow of blood was registered only occa-

The blood flow change in the veins observed primarily when the magnetic field was at a 90 degree angle to the direction of the flow — usually lasted for about a minute. But time spans of up to 20 minutes were observed in some cases.

The computer tomographs marketed today operate at 1.5 tesla when used for examinations of the whole body. The test persons used by the Kiel re-

searchers were made to undress and adjust to room temperature for 20 minutes.

**Doubts over safety of** 

magnetic tomography

Once a balance of temperature between the surface of the skin and the environment had been established, they were exposed to the tomograph's mag-

Their temperatures were taken immediately on switching on the magnets, after a five-minute exposure and, finally,

ture measurements taken.

tesla the surface temperature of arm, leg and torso muscles dropped by up to 5 degrees centigrade. The veins near the surface warmed up about 2 degrees.

The temperature drop in the muscles does not reverse itself until about 30 minutes after exposure. In one case it was evident in the calves one hour after ex-

Getting into the picture. (Photo: Philips) to a magnetic field could lead to lasting posure, despite prolonged movement. Three of the test persons had notice able side effects in the arms even three

They said that this was particularly if the heart cooled down for a prolonged

They suggested further research into the effects of magnetic fields before allowing large-scale use.

An official of the State of Washington Health Authority, Samuel Milham Jr, has reported another effect of strong electrical or magnetic fields.

After analysing the statistical data of men exposed to strong fields at work (for instance, aluminium factory workers) he found a significantly above-average incidence of leukemia. :

Michael Globig . (Rheinischer Merkur/Christ und Welt,

#### Continued from page 10 ding in Mainz, were catholic in their

That would mean that different san, hitting out both at private pro-a pointer to the length of time is and the broadcasting corpora-which two species have developed that commission, subsididse or buy rately since parting company work.

Kluge, Abich and others made a Molecular biologists Vinces # er of suggestions including the foland Allan Wilson of Berkele, the that went beyond the bounds of nia, have assessed this length of the culticism.

respect of man and the primate of th

the protein molecules of blood protein industry busy for years, stances of man, chimpanzes and the additional effect that the entire

stances of man, company and say would benefit as a nation of some three are unlikely a say would benefit as a nation of parted company until four to stand TV viewers.

parted company until four to stand the conference's main aim was outlivears ago, they say. Older linds in this declaration: "Non-profit years ago, they say. Older lines in this declaration: "Non-profit not be classified as hominids.

Yet Professor Vogel says more makers and TV along the lines of the cal findings in respect of the twork agreement are a possible known hominids found in East of joint bids to gain access to make it seem fairly improbable to broadcasting for private enterpri-

ancestors of homo sapiens were He suspects that the hominide had be enabled to bring their indeace and imagination to play on time between eight and 12 milim? cen, with TV supplying ways and of ensuring greater communica-

In the film sector. University department of anthony and human genetics also feels sides were agreed in their confor the cultural responsibility held both film and TV and arrived at such a late developer as not to have emerged until a few million years ago, as ly as four to five million years up to five million years up to five million years ago, as

lion years ago date back to the provide a he argues, and they could had the consumption of entertaincan only drive people even further itolation must surely amount to than fine words. Gunter Zschacke (Lübecker Nachrichten, 28 October 1983)

Scientists have made a breakthrough in the treatment of myasthenia gravis, a disease in which the muscles become debilitated and the patient becomes extremely tired and eventually

Now Max Planck doctors have developed a system of filtration so the blood can be rid of antibodies that attack the patient's own cells.

The filter is a thick bundle of nylon capillaries containing antigens. It has for the first time allowed doctors to interfere in a specific part of the human immune system.

It is in this area that the root lies of diseases such as myasthenia gravis and probably also multiple sclerosis. Neither The team which developed the new

process is at the Dortmund-based Max Planck Institut for Dietary Physiology. The immune system specialises in identifying and destroying foreign bo-

dies such as bacteria. White blood cells or lymphocytes have the function of sounding the alarn

in this process. Groups of them are specialised in specific antigens. On coming into contact with one of them, they trigger the mechanisms that produce antibodies. The antibodies, in their turn, attack the antigen and destroy it.

Among the hundreds of thousands of specialised lymphocytes there are always some that attack the cells of their own body rather than an intruder.

But in a healthy body these renegades are kept in check.

No so with myasthenia gravis patients. The lymphocytes attack the

#### New hope for victims of muscle disease

days after the experiments. Two com-

developed a heavy shiver on top of the

muscle a few hours after exposure. Ten

days later, the symptoms could still be

The authors offered some opinions

about the causes of the symptoms

(changes in the conductivity of nerves as

a result of the magnetic field). But they

conceded that they did not know what

biological mechanisms led to the tempe-

use of computer tomographs, suggesting

that there was a possibility that the est-

ablished temporary effects of exposure

They warned against indiscriminate

rature changes.

plained of muscle strain while the third

muscle receptors that receive signals from the nervous system through a substance called acetylcholine.

The destructive work progresses, initially causing excessive tiredness and eventually death. The first insights into these mecha-

nisms were gained a few years ago by Professor Hartmut Wekerle of the Max Planck Society's clinical research team on multiple sclerosis of Würzburg University's Neurological Clinic. Professor Alfred Maelicke of the

Dortmund Max Planck Institute tested his antibody filter on rabbits and rats. The 0.3mm diameter capillaries contain a membrane with a thickness of

0.001 mm. The surface of the membrane is treated with acetylcholine receptors obtained from certain types of eels and rays. The most important element here is the

bodies to pass while stopping the lymnhocytes. The antibodies now react against the receptors and are neutralised.

membrane, which must permit the anti-

Since the lymphocytes have no contact with their antigens, they do not step up the production of antibodies.

Using this method, the researchers succeeded in completely purifying the blood of sick rabbits.

Professor Maelicke and his team consider their approach still too non-speci-

fic. The reason: the antibodies that attack the muscle receptors, mistaking them for antigens, cause varying degrees

In some cases the harm is irreparable while in others all that happens is that the transmission of impulses is disrupted for a given period.

The Max Planck researchers now want to isolate the destructive antibo-One approach here could be to

replace the receptors obtained from fish muscles that line the membrane by human antibodies.; This would result in more selective fil-

tering and reduce the danger of a new production of antibodies. Although this process has not progressed beyond basic research it could spell a genuine breakthrough in the

treatment of auto-immunity disorders. Treatment so far has consisted of the exchange of blood plasma complete with antibodies. But this entails the danger of new antibodies being formed rapidly or of greater susceptibility to inf tious diseases due to the suppression of the entire immune system.

.The antibody filter has already provised two concrete results: it enables doctors to isolate the antibodies in the blood and so arrive at a reliable diagnosis. It also makes it possible to transport the highly perishable fish muscle recep-

This is a great relief for the researchers because of the central importance of these receptors in both animal experiments and filtering.

Norbert Neumann (Frankfurter Rundschau, 29.October 1983)



White collar crime interfered in the free-market economy and raised doubts about the justness of the nation's economic order, the Wiesbaden conference was told.

Siegfried Fröhlich, State Secretary at the Bonn Interior Ministry, said this type of crime created a vortex which sucked in more crime.

Honest businessmen were tempted to deviate to compete with illegal opera-

This meant genuine competition was destroyed, market forces were corrupted. The effect on the economic and social orders was disastrous and chronic.

White-collar crime was a challenge for politicians, the logal profession and the police. It was a difficult challenge because technical and economic changes were faster than government could

The criminals had the advantage. Their inventiveness would be admirable, said Herr Fröhlich, if it served a better

The meeting was a timely one. The Bundestag has just given a second reading to a bill aimed at closing loopholes involving computer crimes, fraud and wage embezzlement and the like.

There have been some spectacular cases of white collar crime recently. .

One was the end, after four and a half years, of the Herstatt Bank trial in ColTHE LAW

### Huge cost of white-collar crime 'not just economic'

ogne in which DM1.2bn was lost after tions could be lowered and benefits the most serious bank scandal in Germany since the war.

Another is the Bundeskriminalnmt (BKA) investigation of about 60 British and German labour-leasing firms suspected to having brought thousands of British workers illegally to Germany.

Huge amounts of incriminating material have been found at 250 German construction companies.

Another investigation deals with fraudulent price fixing by major German construction companies in the further development of Rhine, Main, Moselle, Neckar and Saar inland waterways.

In The Hague a jointly operated cartel office that has contracted for 18 projects over the past three years at excessive profit margins, has been discovered. The total worth of the projects is DM100m.

Other cases include tax evasion, subsidies fraud, illegal dealing in commodities futures and industrial espionage.

Classical crimes like bankruptcy fraud have now been augmented by such modern varieties as computer crimes and video piracy,

The damage caused by this sort of crime is staggering. Some experts say that Germany's taxes could be reduced by one-third if there were no tax eva-

Social security funds, and thus those who are insured, lose billions every year. If there were no illegal work, contribu-

The legislators' problems are illustrated by the debate on a bill to stem fraudulent tendering for public projects.

The second bill against economic crimes makes no provision for this at all. When preparing it, the cabinet considered the existing penalties - drastic fines by the Federal Cartel Office - to be adequate.

But insiders stress that these fines are already allowed for by the companies concerned and that, fines or no fines, they still make a profit. The deterrent effect is therefore minimal.

Terminological and legal difficulties have so far prevented lawmakers from coming up with a clear definition of this sort of crime

All the judiciary and police have to go by is Section 74c of the Court Procedures Act which is widely used by both police and prosecutors.

Another thing that prevents a clear definition is the continuous technical and economic development that makes it impossible for government to keep

This has meant delays in establishing specialised police squads stuffed by

'The police have had so much catching up to do that they are often unable to meet the judiciary's requirements,"

the president of the BKA, Boge, told the conference As a result, public prox

had to do investigative work "This has not exactly in tions between the two," Di

He also stressed the any cooperation with foreign at enuse crime did not stop at some criminals deliberate an international scale toes

exchange of information.

Even the fight against "act be owner of the restaurant, which stations still meets with the labythe name of Westfälischer Friedrich difficulties.

Dr Boge listed not only the ficers with business training ledge of bookkeeping. He has to the fact that there were wi to acquire this knowledge ber was no reward in the formely reer prospects.

type of crime.

MODERN LIVING

1108 - 13 November 1983

### Stink over salmon gives restaurateur indigestion

Altbierstube), took the critic, a 30-year-

old law student and freelance journalist,

The courts have made heavy weather

of the proceedings. Düsseldorf county

court ruled in summer 1982 that food

was a matter of personal taste. If anyone

felt a meal was bad, he was entitled to

damages, appealed. The case has now

though the restaurant no longer exists.

come up before a higher court even

The offending article was headed A

Total Washout, and the writer, Armin

Diel, left readers of Tips für Gourmets

magazine in little doubt as to his opi-

that could," his article began. He won-

dered whether the smoked salmon he

was served had been brough to Münster

The salmon was fibrous and dry,

oversalted, brown and oxydised. The

horseradish sauce served with it tasted

like sweet industrial sop.

2000 Hamburg, Postfach 6:02 24.

by bicycle.

"Just about everything went wrong

The restaurateur, who was suing for

iticism of a restaurant meal in a He urged the establishme the subject of litigation even though exchange of lafe.

stations still meets with the but is now, more humbly, Mallers

#### A chance in a million

state is the only real winner at But the Wiesbaden confer gambling, says a consumer report.
not entirely dominated by recopile in the Federal Republic of

complaints.

It also dealt with positing the of chance ranging from Lotto ments, including major improve many's equivalent of the football organisational and personnel all to one-armed bandits.

They include the established states amount again is wagered at special court panels for the stablest court games, specialised prosecutor their luck, according to a survey and police centres for contact liked by the Stiftung Warentest in type of crime.

Frankfurt police president Vergleich (Easy Money? Chancen heinz Gemmer, formen) at parison), it was written by Ralf erimes cunnot be fought what 176-page mine of information, it is public relations programms 176-page mine of information, it is

public relations programme worth DM7.80 if you would like to needed are many selective what the chances of winning Gerhaid tet are.

our chances of winning a million in ools are apparently 0.000000072 to tas you are likelier (0.00014 to 1) ay a suitcase when travelling by

Dr. to take another improbable comison, you are four times likelier to be the by lightning in the course of the than to land the treble chance in you're a man, your chances of sur-

king to 100 are 7,000 times greater n of landing the clusive pools treble Even to stand an evens chance of saing the lowest amount possible you sat submit at least 37 entries (and are

y even to win what it cost you to Lisch's tips could be worth a milthey could certainly be worth the Here are some of them:

Don't go by your birthday in choosyour Lotto numbers. So many do you would be sure to share the prize y with others.

ose numbers (six out of 49 is the tof the game) others would be unselect. He suggests 41 to 46

Fussball-Toto, Rennquintett and 1177 it may be worth a wager when oot is full to the brim.

you fancy a flutter in the lottery. aticket for all six draws. Only in the will you have used your chanroulette you will on average pro-

lose less than in other games of me, but the game is soon over. Losan soon mount up. ore entering for a competition of

and don't forget that your name ddress may be sold to address

But don't let me spoil your fun," he F. R. Karutz

The restaurant-owner, Werner Otto Jedamzik, was so outraged that he sued for damages. The case was dismissed in the lower court but he appealed, backed by hoteliers and restaurateurs.

All told, he wrote, the meal was a dis-

grace for DM82.50, especially in view of

the claims to culinary excellence made

on the restaurant's behalf and advertis-

sing that said it served French speciali-

He was keen, and so were they, to arrive at a legal precedent on such criticism. He also wanted damages, although he was not claiming the restaurant had closed as a result of being panned in the

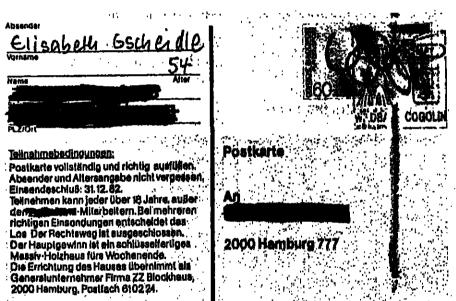
There was no connection between the two events, his lawyer said. The closure might arguably be attributed to general economic trends.

As in the first round of proceedings, the two sides' lawyers argued over whether the criticism was possibly so crushing because of a conflict of interest on the writer's part.

Herr Diel is a man of many parts. He is co-owner of a wine dealer's and Herr Jedamzik did not buy wines from his

But Herr Diel's lawyer ruled out this possibility, saying his client had also panned meals in restaurants he supplied as a wine dealer.

(Kölner Stadt-Anzeiger, 28 October 1983)



The DM74,000 stamp

### Collector pays DM74,000 for stamp that was not issued

collector has paid DM74,000 for an Aunissued stamp used inadvertently by the wife of former Post and Telecom Minister Kurt Gscheidle.

It was a 60-pfennig Olympic commemorative stamp Frau Gscheidle used on a postcard. But it is the only one known to have been used and cancelled.

The collector bought it at an auction in Hamburg The auction made it the most valuable

post-war postage stamp issued (or arguably not issued) in post-war Ger-It was to have commemorated the

1980 Moscow Olympics but was withdrawn when Germany withdrew in protest again the Soviet invasion of Afgha-

But Herr Gscheldle, as postmastergeneral, had a specimen sheet at his Black Forest home that was not recalled, and his wife seems to have used it un-

She used it to stamp an entry for a competition run by a Hamburg cigarette manufacturer. The entry won her a ca-

It earned a stamp dealer in Hasloh, near Hamburg, a good deal more. He bought the postcards from the cigarette company for the stamps and was quick to spot the odd stamp out.

Auctioneer Wolfgang Jakubek said a word of thanks to Frau Gscheidle before opening the bidding. Well he might; it earned him 15 per cent commission.

The buyer must also pay 14 per cent VAT, so in all the stamp will have cost him nearly DM100,000.

Only four copies are so far known to exist. The other three are unused. One was sold at the same auction. It went to a foreign buyer for DM44,000.

> Rudolf Hänsel (Kieler Nachrichten, 20 October 1983)

#### Centre to give legal advice to children

n organisation has been set up to A provide impartial legal advice and assistance to children and young people. It has the backing of DKSB, the German society for the prevention of crucity to children, and was set up in Bielefeld September.

The organisation's founding chairman, Hans-Christian Prestien, says it plans to run advice bureaus all over the

Children and young people will be given advice and assistance on matters such as separation and divorce and youth court cases.

Herr Prestien, who used to be a family and youth court judge, said in Bonn that advice was currently provided almost entirely for adults.

Children were often mentioned but seldom consulted. They were seldom heard in court either. Lack of impartial advice or a lobby made them helpless.

Young people took part in youth court proceedings in which they were only in exceptions represented or advised by lawers.

In close coordination with the DKSB legal and other advice is to be provided, representation and after-care. Panels will be staffed by a lawyer, a psychologist and a social workers.

(Frankforter Rundschau, 26 October 1983)

#### Worms thrown back in council's face

Ten million worms seem destined to L be the subject of litigation between an old-age pensioners' club in the Eifel hills and the city of Cologne.

The corporation borrowed one million worms from the pensioners to help convert garden waste into valuable compost. The experiment was a success.

The worms might well agree, but we will never know. When the pensioners came to collect them they had wriggled off to an unknown destination.

That was when the trouble began. The pensioners sent the corporation reminders, claiming that at the worms' rate of procreation they could well expect to be returned a billion wrigglers, not just the original million.

The corporation returned fire with legal documents referring to a specific amount of topsoil containing an unspecified number of worms.

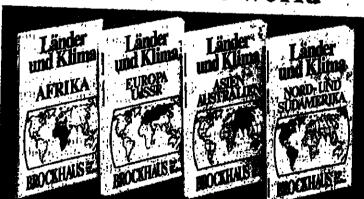
They seemed to have joined forces h local worms, the lawyers argued. Who could now tell them apart? So maybe a truckload of compost full of wrigglers would make amends.

But the pensioners said there weren't enough of them. After checking the compost offered, a spokesman for the pensioners said he had plenty of compost of that grade in his own back gar-

Besides, the pensioners no longer want their worms back. They want cash. Unless the two sides come to terms they will be suing Cologne for DM40,000 in

(Der Tagesspiegel, 27 October 1983)

### Meteorological stations all over the world



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(Die Weit, 26 October 1983) knowingly.